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INDEX

Vol. 38 Electronic Technology 1961

MONTH PAGE

ABSTRACTS AND REFERENCES (*See Special Index to be published early in* 1962)
"A.E.I. Engineering" .. .. Apr. 118
Active Low-Pass RC Filters, D. P. Franklin .. .. Aug. 278
Aerial Array, Two-Element, V. G. Welsby .. .. .. May 160
——, Lens-Compensated Biconical, L. Solymar .. .. June 211
Aerials, Non-Resonant End-Fed, V. L. Talekar, Jan. 13; (*Correspondence*) .. .. May 188
Allanson, Prof. J. T. .. .. Oct. 383
Alloy Coating for Transistor Tabs, Alpha Metals .. .. Mar. 82
Alma Acquire Alston Capacitors .. .. Oct. 372
Aluminium Honeycomb Panels .. .. Nov. 397
Amplifier, Bootstrap, W. Tusting, Jan. 27; (*Correspondence*) Apr. 149, ... July 267
—— Common-Emitter, R. Leek .. .. Aug. 285
——, Solid-State Ultrasonic .. .. Dec. 440
——, Bell Telephone Labs. Microwave Transistor and, .. July 269
Amplifiers, Bandpass Transistor, C. J. McCluskey .. .. May 183
——Transistors in Audio- and Carrier-Frequency (*Correspondence*) .. .. Jan. 32
Angle-Modulated Waves (*Correspondence*) .. .. .. Mar. 107
Audio-Frequency Comb Filter, L. H. Bedford .. .. Apr. 138
Automatic Printed-Circuit Etching .. .. Oct. 363
—— —— —— Drill .. .. Dec. 449
—— Production of Resistors .. .. Dec. 434
Aveley Electric, Canadian Agency for, ... Aug. 282

B.E.A.M.A. Electronics Board .. .. Sept. 333
Bandpass Transistor Amplifiers, C. J. McCluskey .. May 183
Bandwidth Compression of Speech, J. Das .. .. .. Aug. 298
Ballistic Galvanometer (*Fringe of the Field*) .. .. .. Sept. 325
Barkhausen Noise in Transformer Cores, K. G. Warren, Mar. 89; (*Correspondence*) .. .. May 188
Barlow, Prof. H. E. M., elected a Fellow of Royal Society .. Apr. 127
Bell, Dr. D. A., Leaves Birmingham University .. .. Dec. 461
Binary-To-Decimal Translater, D. A. German .. .. Oct. 364
Bode's Variable Equalizer, S. S. Hakim .. .. .. June 224

BOOKS:
A.R.R.L. Antenna Handbook .. .. Mar. 110
Analytical Techniques for Non-Linear Control Systems, J. C. West .. .. Mar. 110
Antenna, L. Thourel .. .. Dec. 460
Arc Discharge: Its Application to Power Control, H. de B. Knight .. .. May 190
Avo International Transistor Data Manual, Edited by C. E. Bull .. .. Apr. 150
B. Van der Pol: Selected Scientific Papers, Edited by H. Bremmer and C. J. Bouwkamp .. .. June 230
Basic Mathematics for Electronics, N. M. Cooke, .. Mar. 110
BRITISH STANDARDS: May 191, Sept. 343, Nov. 422, .. Dec. 460
CABMA Register 1960-61 .. .. Jan. 33
—— —— 1961-62 .. .. Nov. 422
Capacitors, Inductors and Resistors at Radio Frequencies, T. I. Jones .. .. Oct. 382
Colour Television: The N.T.S.C. System— Principles & Practice, P. S. Carnt and G. B. Townsend Oct. 382
Coloured Chart showing the Frequency Allocation between 10 kc/s and 40 Gc/s (Geneva, 1959) .. .. Oct. 382
Computer Logic, I. Flores .. .. July 268
Cybernetics, N. Wiener (*Review*) .. .. Nov. 422
Electrical Noise, W. R. Bennett (*Review*) .. .. .. Mar. 109
—— Principles of Electronics, A. C. Gillie .. .. July 268
Electromagnetic Energy Transmission and Radiation, R. B. Adler, L. J. Chu and R. M. Fano (*Review*) .. Jan. 32
Electronic Equipment Reliability, G. W. A. Dummer .. Feb. 71
—— Maintainability, Vol. 3, Edited by F. L. Ankenbrandt Sept. 342
Elements of Maser Theory, A. A. Vuylsteke .. .. Dec. 459
Elsevier's Dictionary of Electronics and Waveguides: Russian Supplement, W. E. Clason .. .. .. July 268
Enzyklopadie der elektrischen Isolierstoffe .. .. Dec. 460
F.B.I. Register of British Manufacturers 1961 .. .. Feb. 71
Foundations of Electrodynamics, P. Moon and D. E. Spencer (*Review*) .. .. Sept. 342
Fundamentals of Electronics, M. Mandl .. .. .. Sept. 342
—— —— Signal Theory, John L. Stewart .. .. Dec. 459
Handbook of Noise Measurement, A. P. G. Peterson and E. E. Gross, Jr. .. .. May 190
Hi-Fi Amplifier Circuits, E. Rodenhuis .. .. .. June 230
High-Frequency Applications of Ferrites, J. Roberts .. Mar. 111
—— Stability Carbon-Film Fixed Resistors: D.C. Failure in Moist Atmospheres, I. D. L. Bell and R. G. J. Butler Nov. 422
Industrial Electronics Apparatus, P. Van Der Ploeg .. June 230

MONTH PAGE

Industry and Careers, D. E. Wheatley .. .. .. Sept. 342
Initiation a L'Electronique, R. Faure .. .. .. June 230
Introduction to Electrotechnology, S. J. Kowalski .. Mar. 110
—— —— Modern Network Synthesis, M. E. Van Valkenburg (*Review*) .. .. May 189
—— —— the Cathode Ray Oscilloscope, H. Carter .. June 230
—— —— —— Statistical Dynamics of Automatic Control Systems, V. V. Solodonvnikov (*Review*) .. .. Aug. 307
—— —— —— Theory and Practice of Transistors, J. R. Tillman and F. F. Roberts .. .. .. July 268
Iterative Arrays of Logical Circuits, Frederick C. Hennie Dec. 460
Investigations of Radio Reflections from Satellite-Produced Ion Trails using 100 Mc CW Radar, M. Tiuri July 268
Lewis's Lending Library Catalogue Supplement 1957-1959 Sept. 342
Linear Systems Analysis, P. E. Pfeiffer (*Review*) .. .. Nov. 421
List of Telephone Routes 1961 .. .. Oct. 382
Manipulation of Thermoplastic Sheet, Rod and Tube, J. M. J. Estevez and D. C. Powell .. .. .. Apr. 150
Master Receiving-Picture Tube Substitution Guide Book, H. A. Middleton .. .. Apr. 150
Mathematical Tool Kit for Engineers, H. A. Webb and D. G. Ashwell .. .. Apr. 150
Measurement of the Hall Effect with the Aid of Microwaves in Germanium Specimens Changing from N-type to P-type with Changing Temperature, T. Stubb .. July 268
—— —— Total Acoustic Power of Sources of Sound in a Reverberation Chamber, K. A. Morch .. June 230
Mobile Manual for Radio Amateurs .. .. .. Mar. 110
NATIONAL BUREAU OF STANDARDS: May 190, Sept. 343, .. Nov. 422
New Survey of the B.B.C. Experimental Colour Transmissions, I. R. Atkins, A. R. Stanley and S. N. Watson Jan. 32
Noble Metal Thermocouples, H. E. Bennett .. .. May 190
On Microwave Conductivity, Noise and Oscillations of Gas Discharge Plasma, P. Jaaskelainen .. .. May 190
Pergamon Press Catalogue of Scientific and Technical Publications: 1961 .. .. May 190
Physics of the Upper Atmosphere, Edited by J. A. Ratcliffe (*Review*) .. .. Mar. 110
Power Gain of Multi-Tiered V.H.F. Transmitting Aerials, P. Knight and G. D. Monteath .. .. Mar. 110
Principles of Semiconductors, M. G. Scroggie .. .. June 230
—— —— Transistor Circuits, S. W. Amos .. .. Aug. 307
Printed Circuits, J. M. C. Dukes .. .. July 268
Problems in Electronics and Solutions, F. A. Benson .. Sept. 342
Proceedings of the Symposium on Millimeter Waves .. Jan. 33
R-L-C Components Handbook, D. Mark .. .. Apr. 150
R.S.G.B. Amateur Radio Call Book: 1961 .. .. Feb. 70
Radio Amateur's Examination Manual, Compiled by W. F. Mainprise .. .. July 268
—— —Handbook 1961 .. .. July 268
—— Astronomy, F. G. Smith .. .. Apr. 150
—— Transmitters, L. Gray and R. Graham .. .. June 230
—— Valve Data, Compiled by the staff of "Wireless World" .. .. Nov. 422
Recepteurs de Television, Vol. 2, W. T. Cocking .. .. Feb. 70
Relay Guide, R. N. Auger .. .. May 190
Selected Semiconductor Circuits Handbook, Edited by S. Schwartz .. .. Mar. 110
Selection and Application of Semiconductor Devices: ARINC Specification No. 409 .. .. May 190
Semiconductor Technology, Edited by G. K. T. Conn .. Mar. 110
Sensitometric Control in Film Making, L. J. Wheeler .. Apr. 150
Service Valve Equivalents .. .. Dec. 460
Servomechanisms, P. L. Taylor (*Review*) .. .. .. Feb. 70
Shock Tubes, J. K. Wright .. .. Dec. 460
Sound Absorbing Materials, E. J. Evans and E. N. Bazley Mar. 110
Stray Losses in Laminated Cores with Particular Reference to F.H.P. Motors, W. S. Leung .. .. July 268
Surface Microtopography, S. Tolansky .. .. .. Jan. 33
Taylor Valve Manual .. .. Apr. 150
Television Field Trials .. .. Feb. 71
Theorie et Pratique des Circuits de L'Electronique et des Amplificateurs (Vol. 2), J. Quinet .. .. .. July 268
Theory and Application of Ferrites, R. F. Soohoo (*Review*) Aug. 306
Thermoelectric Materials and Devices, Edited by I. B. Cadoff and E. Miller (*Review*) Apr. 150, ... Sept. 342
Thyratrons, C. M. Swenne .. .. June 229
Time-Harmonic Electromagnetic Fields, R. F. Harrington Sept. 342
Training of Graduates, I.E.E. .. .. Apr. 150
Transistor Circuit Analysis, M. V. Joyce and K. K. Clarke Aug. 307
—— —— —— and Design, F. C. Fitchen (*Review*) .. Oct. 382

	MONTH	PAGE
Transistors—Circuits and Servicing, B. R. A. Betteridge	Apr.	150
——: Principles Design and Applications, W. W. Gartner	Nov.	422
Translation from Russian for Scientists, C. R. Buxton and H. S. Jackson	May	190
Tube and Semiconductor Selection Guide, Th. J. Kroes	May	190
Understanding Microwaves, V. J. Young	Oct.	382
Video Tape Recording, J. L. Bersntein	Apr.	150
"Wireless and Electrical Trader" Year Book 1961	May	190
"Wireless World" Diary 1962	Dec.	460
Wires and R.F. Cables, G. W. A. Dummer and W. T. Blackband	June	230
Zener Diode Handbook, International Rectifier Corporation	June	230
Bootstrap Amplifier, W. Tusting, Jan. 27, (*Correspondence*) Apr. 149,	July	267
Bridge for Displaying Complete D.C. Characteristic of Tunnel Diodes (*Correspondence*)	Sept.	340
Brit. I.R.E. Royal Charter	Sept.	343
Brush to Handle Shockley Diode	July	266
CAN the Operand Stand the Operator? (*Correspondence*)	Feb.	69
Cambridge Microanalysers for U.S.	Mar.	97
Capacitors, Sputtered-Dielectric,	Sept.	326
Circuit Diagrams (*Editorial*) May 155, (*Correspondence*) May 188, July 267, Aug. 306,	Oct.	380
Circulator and Switches, Mullard, An S-Band,	June	219
Colour T.V. Signal, Modified N.T.S.C., J. Davidse	Nov.	388
Comb Filter, Audio-Frequency, L. H. Bedford	Apr.	138
Common-Emitter Amplifier, R. Leek	Aug.	285
Communication (*Editorial*)	Dec.	427
Compression of Speech, Bandwidth, J. Das	Aug.	298
Computer Magnetic Tape Unit	Dec.	457
—— Output Printer	Oct.	356
Computers, Electronic Components for, L. Knight	June	214
CONFERENCES: See Conventions		
Continental Distributors, New U.S. Agencies for,	May	174
CONVENTIONS AND CONFERENCES:		
International Conference on Semiconductors	Sept.	336
—— Television Conference 1962	Aug.	282
Television and Film Techniques Convention	Jan.	21
Convertors, Single-Phase to Polyphase, F. Butler	Oct.	357
CORRESPONDENCE:		
Angle-Modulated Waves, A. L. Robson	Mar.	107
Barkhausen Noise in Transformer Cores, D. A. Bell	May	188
Bootstrap Amplifier, A. Womersley, Apr. 149; F. Butler	July	267
Bridge for Displaying Complete D.C. Characteristic of Tunnel Diodes, R. C. Baron, G. H. B. Thompson and D. R. Hill	Sept.	340
Can the Operand Stand the Operator? M. G. Scroggie, Feb. 69; Computer	Feb.	70
Determinants in Theory of Harmonic Oscillators, S. R. Deards, Mar. 107; J. W. Head	Apr.	148
Electrons and Wave Mechanics, D. A. Bell; Quantum	Apr.	148
Heaviside's Method, H. L. Armstrong	Aug.	305
Historical Transistors, J. F. W. Bryon	Nov.	420
Junction Transistor, M. H. N. Potok, Jan. 31; R. C. Dutta Gupta, Feb. 68; Ir. J. Noordanus, Feb. 69; B. Chatterjee, Mar. 108; W. J. Pitts; J. R. James, Apr. 149; H. L. Armstrong, June 229; E. W. Kirk, July 267; M. K. Achuthan, Aug. 305,	Dec.	458
Linear Amplifier for Decimicrosecond Pulses, A. F. Fischmann-Arbel and I. Bar-David	Mar.	109
Magnetic Recording, R. Langmaid and R. Noble	Oct.	381
Multiple Transit Amplification by Travelling-Wave Tube, D. A. James	Mar.	108
Non-Boolean Algebra for Logical Circuitry, M. D. Evans	Nov.	419
Non-Resonant End-Fed Aerials, J. Deignan	May	188
Power in a Frequency-Modulated Wave, J. Deignan	Dec.	458
Printed Circuit Plating, M. P. Wax; J. E. Philpott	Oct.	381
Switching Transistors, J. R. Tillman, Apr. 148; J. N. Barry	Aug.	305
Temperature Coefficient of Inductance, D. A. Bell; Editor	Jan.	32
Thermionic Conversion, W. H. Aldous	Sept.	341
Transistor Circuit Diagrams, T. G. Clark, May 188; E. W. Kirk, July 267; J. C. S. Richards, Aug. 306; T. G. Clark	Oct.	380
—— Frequency Response: Graphical Presentation of fr, J. N. Barry, July 267; D. J. Bradley and J. R. James	Oct.	381
—— Mutual Conductance, M. G. Scroggie, Sept. 341; T. G. Clark	Nov.	420
—— Symbols, Luis Ruiz de Gopegui; Editor	Nov.	421
Transistors in Audio- and Carrier-Frequency Amplifiers, W. J. Quirk and P. C. Dench	Jan.	32
Valve and Transistor Configurations, W. Proctor Wilson	Feb.	69
Velocity of Light, R. A. Waldron	Sept.	340
Zener Diode in Stabilized Transistor Power Supplies, R. R. Dutta Gupta and B. Tyler, June 228; R. V. Harvey	Oct.	380
Counters, Reversible Decimal, J. L. Goldberg	July	234
Critical Comparison (*Mathematical Tools*)	June	217
Current Regulator and Sweep Mechanism, E. W. Collings	Apr.	116
DELAPENA, New Agencies for,	Jan.	21
Determinants in Theory of Harmonic Oscillators (*Correspondence*) Mar. 107	Apr.	148
Differential Polargraphic Analyser, Nash and Thompson,	Aug.	297
Diode, Hughes Experimental Micro-Miniature,	Mar.	88
Direct Plotter for Radar Display	Nov.	400
Discriminator, Linear Frequency, U.S. Ganguly	Nov.	401
——, Round-Travis, K. R. Sturley	May	186
Distortion Criterion, New, E. R. Wigan, Apr. 128	May	163
Drills, New 'Coldpoint',	Sept.	341
DuMont International Renamed	July	247
Dynamic Electrometer (*Fringe of the Field*)	Oct.	361
E.M. Waves Along a Helix, Propagation of, R. Dingeldey and A. Cunliffe	July	262
E.R.A. 1961-62 President	May	191
Echo (*Fringe of the Field*)	Dec.	435
EDITORIALS:		
Circuit Diagrams	May	155
Communication	Dec.	427
Mathematics	Sept.	311
Research and Development	June	195
Satellite Communications	Aug.	273
Symbols	Jan.	1
Television Standards	Oct.	347
Transistor Oscillator	July	233
—— Mutual Conductance	Mar.	75
25 Years of Television	Nov.	387
Valves and Transistors	Feb.	37
"Wireless World"	Apr.	115
Electronic Components for Computers, L. Knight	June	214
Electronically-Controlled Machine Tool with Error Detection, E.M.I.,	Apr.	127
—— —Transfer Machine, U.S. Industries,	Oct.	360
Electrons and Wave Mechanics (*Correspondence*)	Apr.	148
Electrostatic Printing Tubes, Raytheon,	Mar.	111
Elliott Bros. to Market U.S. Computer	May	174
Emerson & Cuming and Microcell Agreement	Apr.	137
Equalizer, Bode's Variable, S. S. Hakim	June	224
Eriks, S. S., K.B.E.	Oct.	383
EXHIBITIONS:		
International Electronic Components—Paris 1962	Oct.	372
R.E.C.M.F. 1961, List of Exhibitors	June	206
Experimental Micro-Miniature Diode, Hughes	Mar.	88
—— Travelling-Wave Tubes, G. M. Clarke	Feb.	38
F.M. Signals, Transient Response of, S. J. Cotton	Nov.	414
Feedback Analysis using the 'Root Locus' Method (*Mathematical Tools*) Sept. 331, Oct. 370	Nov.	411
Fermi Level (*Fringe of the Field*)	Mar.	83
Ferrite Cores as Logical Elements, B. R. Wilkins	Dec.	428
Filter, Audio-Frequency Comb, L. H. Bedford	Apr.	138
——, Use of Electronic V.L.F.: Water-Level Surge Recorder, E. G. Sandels	Jan.	2
Filters, Active Low-Pass RC, D. P. Franklin	Aug.	278
——, Tunable Rejection, L. A. Moxon	Sept.	327
Finite-Gap Klystrons, L. Solymar	Oct.	373
Frequency-Modulated Wave, Power in a, R. G. Medhurst Oct. 378 (*Correspondence*)	Dec.	458
Further Applications of the 'Root-Locus' Method (*Mathematical Tools*)	Dec.	445
FRINGE OF THE FIELD:		
Ballistic Galvanometer	Sept.	325
Dynamic Electrometer	Oct.	361
Echo	Dec.	435
Fermi Level	Mar.	83
Reflections	Nov.	398
Room at the Top	Apr.	123
Thermionic Conversion	July	245
Tunnelling and Thin Films	Feb.	46
Updown	Jan.	10
Velocity of Light	June	202
Furzehill to Produce 'Strobolysers'	Feb.	62
GENERATORS, Transistor Control of A.C., E. L. Robinson	Oct.	367
HALL Effect, Use of,: Mechanical Measurement, Maciej Nalecz	Jan.	15
Heaviside's Method (*Correspondence*)	Aug.	305
Helix, Propagation of E.M. Waves Along a, R. Dingeldey and A. Cunliffe	July	262
Honours, New Year, Feb. 57, Birthday	July	269
I.C.T.-R.C.A. Agreement	Nov.	423
I.E.E. Council Election 1961-62	Sept.	333
Ignition System, Clevite New Piezoelectric	Mar.	79
Inductance, Temperature Coefficient of, (*Correspondence*)	Jan.	32
Information Theory, P. Holroyd and G. P. Jones	Feb.	49
Interferometer, R.R.E.	Oct.	379
International Conference on Semiconductors	Sept.	336
KLYSTRONS, Finite-Gap, L. Solymar	Oct.	373
LENS-COMPENSATED Biconical Aerial, L. Solymar	June	211
Lenses, Servo Corporation Extended-Range Infra-Red	July	247
Linear Amplifier for Decimicrosecond Pulses (*Correspondence*)	Mar.	109
—— Frequency Discriminator, U.S. Ganguly	Nov.	401

	MONTH	PAGE
Logic, Symbolic, B. R. Wilkins	Sept.	317
Logical Circuitry, A Non-Boolean Algebra for, (*Correspondence*)	Nov.	419
Logical Elements, Ferrite Cores as, B. R. Wilkins	Dec.	428
MAGNETIC Recording, L. G. Sebestyen and J. Takacs, Aug. 274, (*Correspondence*)	Oct.	381
Magnets, R.C.A. Mass-Produced Superconductive,	Nov.	392
Marconi Appointments	Nov.	423
MATHEMATICAL TOOLS:		
Critical Comparison	June	217
Feedback Analysis using the 'Root Locus' Method, Sept. 331, Oct. 370	Nov.	411
Further Applications of the 'Root-Locus' Method	Dec.	445
Newton, Achilles and the Tortoise	Aug.	283
Matrices Again!	Jan.	18
——: Pitfalls and Further Examples	May	175
Routes to Creative Understanding	Mar.	95
Mathematics (*Editorial*)	Sept.	311
Matrices Again! (*Mathematical Tools*)	Jan.	18
——: Pitfalls and Further Examples (*Mathematical Tools*)	May	175
Measurement of Impedance at Audio-Frequency, N. P. Scholes and J. E. Macfarlane	Mar.	106
Measurements, Transistor, B. N. Harden and R. W. Smith	Feb.	58
Mechanical Measurements, Maciej Nalecz	Jan.	15
Metal Flaw Detector, New Gamma-Ray,	July	261
Meter, Aircraft Panel,	Sept.	336
Metre Standard for N.P.L.	July	266
Microanalysers for U.S., Cambridge,	Mar.	97
Microcell and Emerson & Cuming Agreement	Apr.	137
Microwave Transistor and Amplifier, Bell Telephone Laboratories,	July	269
Modified N.T.S.C. Colour T.V. Signal, J. Davidse	Nov.	388
Modulators, Rectifiers, J. A. Rickatson and D. G. Tucker	Dec.	450
Moon's Surface Investigation, R.R.E. Radio Telescope	Jan.	12
Motors, Small Ratchet-Free Stepper,	Mar.	86
——, Speed Control of D.C., M. J. Miller and G. V. Buckley	Feb.	63
Multiple Transit Amplification by Travelling-Wave Tube (*Correspondence*)	Mar.	108
N.P.L., New Metre Standard for,	July	266
Network, Two Path Transmission-Line, C. S. Gledhill	Jan.	22
Networks, Four-Terminal, Optimal Lumped Loading, G. Raisbeck	Dec.	437
New Look at the Transistor Symbol, R. van Winkle, Mar. 87, (*Correspondence*)	Nov.	421
NEW PRODUCTS: Jan. 34, Feb. 72, Mar. 112, Apr. 152, May 192, June 231, July 270, Aug. 308, Sept. 344, Oct. 384, Nov. 424	Dec.	462
Newton, Achilles and the Tortoise (*Mathematical Tools*)	Aug.	283
Noise in Transformer Cores, Barkhausen, K. G. Warren, Mar. 89, (*Correspondence*)	May	188
Non-Resonant End-Fed Aerials, V. L. Talekar, Jan. 13, (*Correspondence*)	May	188
Nuclear Electronics Symposium	Oct.	383
Nyquist Diagram Tracer for A.F., Arthur R. Bailey	May	156
OBITUARIES:		
Canning, Philip	Aug.	307
Griffiths, H. V.	Aug.	307
Parr, Geoffrey	July	269
Optimal Lumped Loading, G. Raisbeck	Dec.	437
PAMPHONIC Acquire Reflectograph	Sept.	341
Phase-Sensitive Wave Analysis, O. J. Haga and D. Midgley	July	257
Photoelectric Cells and Photomultipliers, J. Sharpe, June 196	July	248
Piezoelectric Ignition System, Clevite,	Mar.	79
Polargraphic Analyser, Nash and Thompson Differential,	Aug.	297
Power in a Frequency-Modulated Wave, R. G. Medhurst Oct. 378, (*Correspondence*)	Dec.	458
—— Supplies, Zener Diode in Stabilized, (*Correspondence*)	June	228
Printed Circuit Drill, Automatic	Dec.	449
—— Circuit Etching, Automatic,	Oct.	363
—— Plating, J. E. Philpott, June 221, (*Correspondence*)	Oct.	281
Printer, Computer Output,	Oct.	356
Propagation of E.M. Waves Along a Helix, R. Dingeldey and A. Cunliffe	July	262
R.E.C.M.F. Elections	June	229
Racal Change Name	Nov.	423
Radar Display, Direct Plotter for,	Nov.	400
Radio Industry Council Appointments	Feb.	48
—— Tower for London	Apr.	127
Recorder, Water-Level Surge, E. G. Sandels	Jan.	2
Recording, Magnetic, L. G. Sebestyen and J. Takacs, Aug. 274, (*Correspondence*)	Oct.	381
Rectifier Modulators, J. A. Rickatson and D. G. Tucker	Dec.	450
Reflections (*Fringe of the Field*)	Nov.	398
Regulator and Sweep Mechanism, A Current, E. W. Collings	Apr.	116
Research and Development (*Editorial*)	June	195
—— Fellowships, J.L.T. Industrial,	Sept.	343
Resistors, Automatic Production of,	Dec.	434
Reversible Decimal Counters, J. L. Goldberg	July	234
Room at the Top (*Fringe of the Field*)	Apr.	123
Round-Travis Discriminator, K. R. Sturley	May	186
Routes to Creative Understanding (*Mathematical Tools*)	Mar.	95
Royal Radar Establishment Director	Dec.	440
S-BAND Circulator and Switches, Mullard,	June	219
Satellite and Communications	June	229
—— Communications (*Editorial*)	Aug.	273
—— Tracking Experiments	Aug.	304
Semiconductor-Diode Waveguide Switch, T. H. B. Baker	Aug.	300
—— Wafers, Bell Telephone Laboratories, Polished Electrochemically	June	213
Shaft Digitizers and Mechanical Low-Level Switches	Sept.	341
Shielded Dielectric Waveguide, K. W. H. Foulds and P. Sampaio	Nov.	393
Silicon P-N-P-N Switch, A. Bardsley and J. Walker, Nov. 406,	Dec.	441
Single-Phase to Polyphase Convertors, F. Butler	Oct.	357
Slide Rule for Complex Numbers, D. J. Whythe	Sept.	334
Solartron-Schlumberger Link	Dec.	461
Solid-State Ultrasonic Amplifier	Dec.	440
Spectrometer for First 'Scout' Satellite, Bristol Aircraft X-Ray,	Apr.	118
Speed Control of D.C. Motors, M. J. Miller and G. V. Buckley	Feb.	63
Sputnik III, Television Signals from, R. E. Henderson	Mar.	76
Sputtered-Dielectric Capacitors	Sept.	326
Standard Frequency Transmissions: Jan. 33, Feb. 71, Mar. 111, Apr. 151, May 191, June 230, July 269, Aug. 307, Sept. 343, Oct. 383, Nov. 423	Dec.	461
Superconductive Magnets, R.C.A. Mass-Produced	Nov.	392
Suppressors, Belling-Lee 'Filtron'	Oct.	383
Switch, Waveguide, M. J. B. Scanlan	Sept.	337
Switching Transistors (*Correction*) Mar. 88, (*Correspondence*) Apr. 148	Aug.	305
Symbol, A New Look at the Transistor, R. van Winkle, Mar. 87, (*Correspondence*)	Nov.	421
Symbols (*Editorial*)	Jan.	1
Symbolic Logic, B. R. Wilkins	Sept.	317
Symposium, Nuclear Electronics	Oct.	383
T.V. Camera Tubes, E.M.I. Infra-Red and Ultra-Violet	Jan.	21
—— Signal, Modified N.T.S.C. Colour, J. Davidse	Nov.	388
Talking Books for the Blind	Dec.	461
Technical Writing Awards	June	223
Telemechanics Ltd., German Agency for,	July	256
Telemetry Signals from Sputnik III, R. E. Henderson	Mar.	76
Telephone Exchange, Bell Telephone Laboratories U.S. Electronic,	Jan.	21
Television Camera, New E.M.I.,	May	177
—— Society President	Feb.	62
—— Standards (*Editorial*)	Oct.	347
—— Three-Dimensional	Oct.	377
——, 25 Years of, (*Editorial*)	Nov.	387
Theory of Waveguides and Cavities, R. A. Waldron, Mar. 98, Apr. 140,	May	178
Thermionic Conversion (*Fringe of the Field*) July 245, (*Correspondence*)	Sept.	341
—— Micro-Modules, G.E. (U.S.A.),	Jan.	17
Thorn-A.E.I. Merger	Sept.	336
Transducer, New H.F. Depletion-Layer,	June	205
Transfer Machine, Electronically-controlled,	Oct.	360
Transient Response of F.M. Signals, S. J. Cotton	Nov.	414
Transistor Amplifiers, C. J. McCluskey	May	183
—— and Amplifier, Bell Telephone Laboratories Microwave,	July	269
—— Circuit Diagrams (*Editorial*) May 155, (*Correspondence*) May 188, July 267, Aug. 306	Oct.	380
—— Configurations, Valve and, (*Correspondence*)	Feb.	69
—— Control of A.C. Generators, E. L. Robinson	Oct.	367
—— Current Gain at U.H.F., B. N. Harden	Sept.	312
—— Frequency Response, J. R. James and D. J. Bradley, Mar. 80, (*Correspondence*) July 267,	Oct.	381
——, Junction, (*Correspondence*) Jan. 31, Feb. 68, 69, Mar. 108, Apr. 149, June 229, July 267, Aug. 305	Dec.	458
—— Manufacture, G.E.C. Research Laboratories Silicon,	Feb.	45
—— Measurements, B. N. Harden and R. W. Smith	Feb.	58
—— Mutual Conductance (*Editorial*) Mar. 75, (*Correspondence*)	Sept.	341
—— Oscillator (*Editorial*)	July	233
—— Power Supplies, Zener Diode in Stabilized, (*Correspondence*)	June	228
—— Production	Apr.	119
—— Symbol, A New Look at the, R. van Winkle, Mar. 87, (*Correspondence*)	Nov.	421
—— Tabs, Alloy Coating for,	Mar.	82
Transistors, Historical, (*Correspondence*)	Nov.	420
——, Switching (*Correction*) Mar. 88, (*Correspondence*) Apr. 148	Aug.	305
——, Valves and, (*Editorial*)	Feb.	37
——, Voltage Breakdown of, S. C. Ryder-Smith	Oct.	348
Translater, Binary-To-Decimal, D. A. German	Oct.	364
Travelling-Wave Tube, Multiple Transit Amplification by, (*Correspondence*)	Mar.	108
Tubes, Experimental Travelling-Wave, G. M. Clarke	Feb.	38
Tunable Rejection Filters, L. A. Moxon	Sept.	327
Tunnelling and Thin Films (*Fringe of the Field*), Feb. 46, (*Correspondence*)	Apr.	148
Turret Tuner for V.H.F. and U.H.F., Zenith,	Mar.	94

	MONTH	PAGE
Two-Element Aerial Array, V. G. Welsby	May	160
—— Path Transmission-Line Network, C. S. Gledhill	Jan.	22
U.S. Electronics Corporation Forms U.K. Company	Dec.	456
VALVES and Transistors (*Editorial*)	Feb.	37
Velocity of Light (*Fringe of the Field*) June 202, (*Correspondence*)	Sept.	340
Voltage Breakdown of Transistors, S. C. Ryder-Smith	Oct.	348
WATER-LEVEL Surge Recorder, E. G. Sandels	Jan.	2
Wave Analysis, Phase-Sensitive, O. J. Haga and D. Midgley	July	257
Waveguide, Shielded Dielectric, K. W. H. Foulds and P. Sampaio	Nov.	393
—— Switch, M. J. B. Scanlan	Sept.	337
—— ——, Semiconductor-Diode, T. H. B. Baker	Aug.	300
Waveguides and Cavities, The Theory of, R. A. Waldron, Mar. 98, Apr. 140	May	178
Wayne Kerr, U.K.—Gertsch, U.S.A. Agreement	Aug.	282
"Wireless World" Jubilee (*Editorial*)	Apr.	115
X-RAY Spectrometer for First 'Scout' Satellite, Bristol Aircraft,	Apr.	118
ZENER Diode in Stabilized Transistor Power Supplies (*Correspondence*)	June	228

INDEX TO AUTHORS

	MONTH	PAGE
BAILEY, ARTHUR R.	May	156
BAKER, T. H. B.	Aug.	300
BARDSLEY, A. and WALKER, J.	Nov. 406, Dec.	441
BEDFORD, L. H.	Apr.	138
BRADLEY, D. J. with JAMES, J. R.	Mar.	80
BUCKLEY, G. V. with MILLER, M. J.	Feb.	63
BUTLER, F.	Oct.	357
CLARKE, G. M.	Feb.	38
COLLINGS, E. W.	Apr.	116
COMPUTER: Jan. 18, Feb. 70, Mar. 95, May 175, June 217, Aug. 283, Sept. 331, Oct. 370, Nov. 411	Dec.	445
COTTON, S. J.	Nov.	414
CUNLIFFE, A. with DINGELDEY, R.	July	262
DAS, J.	Aug.	298
DAVIDSE, J.	Nov.	388
DINGELDEY, R. and CUNLIFFE, A.	July	262
FOULDS, K. W. H. and SAMPAIO, P.	Nov.	393
FRANKLIN, D. P.	Aug.	278
GANGULY, U. S.	Nov.	401
GERMAN, D. A.	Oct.	364
GLEDHILL, C. S.	Jan.	22
GOLDBERG, J. L.	July	234
HAGA, O. J. and MIDGLEY, D.	July	257
HAKIM, S. S.	June	224
HARDEN, B. N.	Sept.	312
HARDEN, B. N. and SMITH, R. W.	Feb.	58
HENDERSON, R. E.	Mar.	76
HOLROYD, P. and JONES, G. P.	Feb.	49
JAMES, J. R. and BRADLEY, D. J.	Mar.	80
JONES, G. P. with HOLROYD, P.	Feb.	49
KNIGHT, L.	June	214
LEEK, R.	Aug.	285
MACFARLANE, J. E. with SCHOLES, N. P.	Mar.	106
MCCLUSKEY, C. J.	May	183
MEDHURST, R. G.	Oct.	378
MIDGLEY, D. with HAGA, O. J.	July	257
MILLER, M. J. and BUCKLEY, G. V.	Feb.	63
MOXON, L. A.	Sept.	327
NALECZ, MACIEJ	Jan.	15
PHILPOTT, J. E.	June	221
QUANTUM: Jan. 10, Feb. 46, Mar. 83, Apr. 123, 148, June 202, July 245, Sept. 325, Oct. 361, Nov. 398	Dec.	435
RAISBECK, G.	Dec.	437
RICKATSON, J. A., and TUCKER, D. G.	Dec.	450
ROBINSON, E. L.	Oct.	367
RYDER-SMITH, S. C.	Oct.	348
SAMPAIO, P. with FOULDS, K. W. H.	Nov.	393
SANDELS, E. G.	Jan.	2
SCANLAN, M. J. B.	Sept.	337
SCHOLES, N. P. and MACFARLANE, J. E.	Mar.	106
SEBESTYEN, L. G. and TAKACS, J.	Aug.	274
SHARPE, J.	June 196, July	248
SMITH, R. W. with HARDEN, B. N.	Feb.	58
SOLYMAR, L.	June 211, Oct.	373
STURLEY, K. R.	May	186
TAKACS, J. with SEBESTYEN, L. G.	Aug.	274
TALEKAR, V. L.	Jan.	13
TUCKER, D. G. with RICKATSON, J. A.	Dec.	450
TUSTING, W.	Jan.	27
WALDRON, R. A.	Mar. 98, Apr. 140, May	178
WALKER, J. with BARDSLEY, A.	Nov. 406, Dec.	441
WARREN, K. G.	Mar.	89
WELSBY, V. G.	May	160
WHYTHE, D. J.	Sept.	334
WIGAN, E. R.	Apr. 128, May	163
WILKINS, B. R.	Sept. 317, Dec.	428
WINKLE, R. VAN	Mar.	87

Electronic technology

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Electronic technology

Index to Abstracts and References Volume 38. 1961

CONTENTS

Abbreviations I.1
Author Index I.2
Subject Index I.35
Errata I.52
List of Journals I.52

Symbols

Book Review **B**
Note of Correction **C**
Discussion **D**

Author Index

A name followed by '*and*' is that of the first author of a jointly written paper, while the word '*with*' indicates that the name indexed is that of a second author

Abreviations used in the Abstracts and Index

a.c.	alternating current
d.c.	direct current
h.v.	high voltage
l.v.	low voltage
a.f.	audio frequency
i.f.	intermediate frequency
r.f.	radio frequency, including:—
v.l.f.	very low frequency, <30 kc/s
l.f.	low frequency, 30–300 kc/s
m.f.	medium frequency, 300–3000 kc/s
h.f.	high frequency, 3–30 Mc/s
v.h.f.	very high frequency, 30–300 Mc/s
u.h.f.	ultra high frequency, >300 Mc/s
a.m.	amplitude modulation
f.m.	frequency modulation
p.m.	pulse modulation, including:—
p.a.m.	pulse amplitude modulation
p.c.m.	pulse code modulation
p.f.m.	pulse frequency modulation
p.ph.m.	pulse phase modulation
p.p.m.	pulse position modulation
p.w.m.	pulse width modulation
ph.m.	phase modulation
v.m.	velocity modulation
c.w.	continuous wave
i.c.w., m.c.w.	modulated c.w.
s.w.*	short wave
u.s.w.*	ultra short wave
λ	wavelength
c.r.	cathode ray
c.r.o.	cathode-ray oscilloscope
d.f.	direction finding
e.m.	electromagnetic, *but*
e.m.f.	electromotive force
e.s.	electrostatic
a.f.c.	automatic frequency control
a.g.c.	automatic gain control
a.ph. c.	automatic phase control
a.v.c.	automatic volume control
m.u.f.	maximum usable frequency
p.p.i.	plan position indicator
s.s.b.	single sideband
d.s.b.	double sideband
s.w.r.	standing-wave ratio
v.f.o.	variable-frequency oscillator
R/T	radiotelephony
W/T	wireless telegraphy
TV	television

* *No clearly defined limits*

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AUTHOR INDEX

Aarons, J., *and others*, v.l.f. modulation of solar noise bursts, **3365**; simultaneous observations of 1958 δ2, **3756**
— *with others*, a.f. e.m. radiation in auroral zone, **204**; back-scatter experiments during total eclipse, **556**; amplitude variations of Sputnik III signals, **1161**
Abbe, H. H. van. See van Abbe, H. H.
Abdullaev, G. B., *with others*, properties of TlSe, **3062**
Abele, T. A., scattering matrix of interconnected multipoles, **1753**
Abella, I. D., *and H. Z. Cummins*, thermal tuning of ruby optical maser, **3354**
Abeyta, I., *F. Borgini and D. R. Crosby*, computer subsystem using subharmonic oscillators, **1092**
Abraham, L. G., Jr, *and J. A. Bradshaw*, weather and reception level on troposphere link, **2340**
Abrahams, E., *with A. Miller*, impurity conduction at low concentrations, **1207**
Abroyan, I. A., oxide-cathode emission under ion bombardment, **2422**
Accardi, L., signal generator for colour-subcarrier synchronization, **343**
Ackmann, W., properties of Ta capacitors, **1741**; lifetime investigations on capacitors, **2864** *b*
Adams, D. K., four-frequency nonlinear reactance circuits, **476**
Adams, E. N., *and E. I. Blount*, energy bands in presence of external field, **4080**
— *and T. D. Holstein*, quantum theory and transverse galvanomagnetic phenomena, **4064**
— *with R. R. Haering*, Esaki tunnelling in presence of magnetic fields, **3434**
Adawi, I., variational treatment of warm electrons, **815**; negative resistance and hot electrons, **3324**
Adelsberger, V., time intervals in standard-frequency transmissions via DCF 77, **1957**
Adey, A. W., *and W. J. Heikkila*, rocket electron-density measurements, **2199**
— *with S. R. Penstone*, generating rotating polarization, **2851**
Adirovich, E. I., electric fields and currents in dielectrics, **2907**
Adler, R., radar sensitivity with degenerate parametric amplifier, **2228**
— *and G. Wade*, noise in quadrupole amplifiers, **2425**
— *A. Ashkin and E. I. Gordon*, excitation and amplification of cyclotron waves, **3204**
Adler, R. B., *with others*, transistor internal parameters, **2415**
Admiraal, D. J. H., acoustic spectrum analyses, **2066**
Aerts, E., magneto-electrical field-effect measurements, **934**
Afanas'eva, V. I., solar corpuscular showers and geomagnetic storms, **2945**
Agaev, Ya., *and D. N. Nasledov*, electrical properties of AlSb-InSb, **957**
Agarwal, S. P., *with others*, satellite determination of primary cosmic-ray spectrum, **2951**
Agashe, V. V., *with M. W. Chiplonkar*, nightglow emissions at Poona, **4141**
Agdur, B., oscillations in long electron beams, **1367**
Agranovskaya, A. T., *with N. N. Kralnik*, antiferroelectric and ferroelectric properties of solid solutions with Pb_2MgWO_6, **2633**
Agy, V., spiral patterns in geophysics, **565**
— *K. Davies and R. Salaman*, Atlas of Oblique-Incidence Ionograms, (B)**1861**
Aharoni, A., remanent state in one-dimensional micromagnetics, **4216**
Ahern, S. A., *P. A. Gould and J. C. Walling*, cross-relaxation phenomena in solid-state masers, **1450**
Aho, E. J., *with K. E. Perry*, radar-computer display traces alphanumeric characters, **3262**
Ahrons, R. W., variable time delay using drift transistors, **2512**
Aida, K., *T. Koseki and K. Uchikura*, effect of E_z on v.h.f. pulse propagation, **3920**
Airapetyants, S. V., *and G. I. Shmelev*, method of growing uniform single crystals, **2695**
Aitken, D. K., *and others*, 29-MeV microtron, **1971**
Aizenberg, N. B., passage of electrons through potential barrier, **1119**
Aizu, K., *and O. Nakada*, macrodomains of $BaTiO_3$ crystals, **3809**
Akasofu, S. I., auroral motions and polar magnetic disturbances, **198**; thickness of active auroral curtain, **3408**
— *and S. Chapman*, neutral-line discharge theory of aurora, **2602**; ring current, geomagnetic disturbance and Van Allen belts, **2946**
Akcasu, A. Z., noise power measurement by Fourier analysis, **2733**
Akhiezer, I. A., *V. G. Bar'yakhtar and S. V. Peletminskii*, h.f. magnetic susceptibility of ferrodielectrics, **3852**
Akhundov, G. A., *G. B. Abdullaev and G. D. Guseĭnov*, properties of TlSe, **3062**
Akima, H., *with M. Hirono*, variations of corpuscular radiation observed by satellite 1958ε, **535**
Albers, W., *C. Haas and F. van der Maesen*, preparation and properties of SnS crystals, **964**
Albini, F. A., *and R. G. Jahn*, reflection and transmission of e.m. waves at electron density gradients, **1619**
Albrecht, H. J., applying chordal-hop theory to echo-signal delay, **1288**
Albsmeier, H., radio-interference measuring equipment, **2736**
Aldrich, R. W., *with others*, solid-state device aspects of microsystem electronics, **765**
Aleksandrov, K. S., *L. S. Gurovits and E. I. Kamenskii*, effect of intermediate layer on frequency characteristics of ultrasonic delay lines, **1767**
Alers, G. A., *and D. L. Waldorf*, variation of elastic moduli at superconducting transition, **3473**
Alexander, E., *with others*, electroluminescence of ZnS, **1884**
Alexander, S., Boolean notation for maintenance of switching circuits, **2868**
Alferov, Zh. I., *and É. V. Silina*, influence of surface states on breakdown of Si diodes, **2404**
— *and É. A. Yarv*, breakdown of Si diodes, **2405**
Alfrey, G. F., *and C. S. Wiggins*, carrier concentration and hole mobility in *p*-type GaP, **958**
Alfvén, H., filamentary electric current in plasma, **3710**
Allan, R. R., satellite orbit perturbations, **2580**
Allanson, J. T., amplifiers with quasi-constant gain, **469**
Allcock, G. McK., propagation of whistler to polar latitudes, **572**
Allegretti, J. E., *and D. J. Shombert*, laminar junction layers, **1333**
— *with others*, Si epitaxial microcircuit, **2866**
Allemandou, P., *with J. E. Colin*, optimum matching of symmetrical filters, **3664**
Allen, C. C., *and W. R. Runyan*, a.c. Si-resistivity meter, **4252**
Allen, F. G., field emission from Si and Ge, **3435**
Allen, J. E., *with S. E. Segre*, magnetic probes of h.f. response, **668**
Allen, J. W., *and R. J. Cherry*, space-charge currents in GaAs, **1233**
Allen, L., Jr, *with others*, radiation measurements to 1500 km altitude, **3368**
Allen, L. R., *H. P. Palmer and B. Rowson*, limits to diameters of radio sources, **524**
Allen, M. A., *and G. S. Kino*, theory of coupled cavity chains, **451**; interaction of electron beam with fully-ionized plasma, **1793**
Allen, R., *with others*, v.l.f. modulation of solar noise bursts, **3365**
Allred, W. P., *and R. T. Bate*, anisotropic segregation in InSb, **3853**
Almássy, G., *with I. Frigyes*, noise generator for 200-Mc/s band, **3503**
Almeleh, N., *with others*, temperature effects on GaAs switching transistors, **4351**
Althans, W., telecommunications, **2437** *a*
Altman, C., structure and measurements of ionosphere and exosphere, **3765**
Altman, M., *with others*, high-resolution television system, **1653**
Altschuler, H. M., *and A. A. Oliner*, discontinuities in centre conductor of strip line, **403**
Amarasekera, D. V. A. S., Dirac electron in rectilinear fields, **814**
Ambegaokar, V., e.m. properties of insulators, **1955**
— *with J. S. Langer*, Friedel sum rule for interacting electrons, **2530**
Amelinckx, S., *with P. Delavignette*, dislocation nets in Bi_2Te_3 and Sb_2Te_3, **624**
Amirkhanova, D. Kh., thermomagnetic properties of GaSb, **1235**
Amitay, N., *A. Lavi and F. Young*, infinite tapered-plane transmission line, **2456**
Anastassiades, M., *D. Ilias and C. Caroumbalos*, ionospheric absorption and solar activity in intermediate latitudes, **4123**
Anderle, R. J., *with C. J. Cohen*, earth's 'pear shape' gravitational harmonic, **862**
Anderman, A. I., *with H. Reiss*, scattering of electrons by phonons and impurities in semiconductors, **3431**
Anders, H., preamplifiers for vidicons, **1327**
— *and U. Reese*, differentiating equalizer, **4036**
Anderson, A. H., *with others*, magnetic film memory design, **1087**
Anderson, E. E., *and J. R. Cunningham, Jr*, high-permeability garnets, **272**
Anderson, J. C., internal ferromagnetic resonance in Ni-Fe alloys, **630**; magnetic anisotropy in Ni films, **3877**
— *with others*, cosmic-ray intensity during magnetic storms, July 1959, **2184**; preparation of films of Ni and Ni-Fe alloys, **3876**
Anderson, J. M., e.m. wave propagation in ionized gases, **1124**
Anderson, K. A., *and D. C. Enemark*, cosmic rays near north magnetic pole, **143**
Anderson, L. J., v.h.f. satellite signals received at extra-optical distances, **2762**
Anderson, N., plasma in static magnetic field, compression waves in, **112**, oscillations of, **2916**
Anderson, R. E., sideband correlation of lunar and Echo satellite signals, **2953**
Anderson, T. C., measuring low-level r.f. voltage with servo feedback techniques, **3903**
Ando, K., indirect transition in narrow junction of Ge-Si, **1923**
Ando, S., *with others*, vertical-incidence Doppler ionogram, **1851**
Ando, T., *with S. Koshino*, resonance transfer of ionization energy in semiconductors, **923**
Andrä, W., magnetization reversal in thin films, **4217**
— *with others*, magnetic anisotropy of thin films, **267**
Andrés, M. P. de. See de Andrés, M. P.
Andresciani, V., Hall-effect devices, **302**; photomagnetoelectric effect in semiconductors, **1557**
Andresen, H. G., electron paramagnetic resonance of Mn in TiO_2, **1593**
Andrew, E. R., *and D. P. Tunstall*, spin-lattice relaxation in crystals, **3888**
Andrews, J. D., testing metal tape magnetic cores, **1319**
Andrich, W., speech quantization in few stages, **2451**
Andronik, I. K., *and M. V. Kot*, anisotropy in properties of CdSb, **1232**
Angel, Y., *with G. Marie*, parametric amplifiers, **90**
Angell, J. B., *with others*, transistor internal parameters, **2415**
Anger, C. D., *with others*, solar flare radiation and modulation effects, **145**
Anguéra, F., R.T.F. radio-link system, 4308
Angus, R. B., Jr, *with others*, radar data for high-speed digital computers, **1528**
Antončík, E., *with J. Tauc*, optical observation of spin-orbit interaction in Ge, **240**
Antsilevich, M. G., *and A. D. Shevnin*, geomagnetic observations by first cosmic rocket, **545**
Aono, Y., *with others*, ion density measurements by sounding rocket, **1850**
Aoyagi, K., *and M. Sugihara*, magnetic anisotropy of Heusler single crystal, **3874**
Appel, J., electron-electron scattering and transport phenomena in nonpolar semiconductors, **3818**
Appelt, G., *and O. Hachenberg*, secondary electron emission of Sb-Cs and Bi-Cs films, **1534**
Apple, E. F., effect of CdS addition in ZnS phosphors, **911**
Appleton, E. V., *and A. J. Lyon*, studies of E layer, **2955**
Arai, K., *with others*, automatic ionogram scaler, **2972**
Arai, T., *with B. Ichijo*, reactance meter, **2741**
Arai, T. T., *and J. R. Madigan*, response of thermocouple to nonsteady currents, **2532**
Arai, Y., *with I. Ida*, v.h.f. crystal polishing and nature of polished quartz surfaces, **593**
Arams, F. R., *and M. Birnbaum*, maser action in ruby by off-resonance pumping, **4056**
— *M. Grace and S. Okwit*, low-level garnet limiters, **3631**
— *with others*, electronically tunable travelling-wave masers, **805**
Arbones Mariño, A., telecommunication network in N.W. Spain, **2770**
Archard, G. D., fifth-order spherical aberration of magnetic lenses, **1013**
Archer, D. H. R., new assessment of Gee system, **1862**; secondary surveillance radar, **3793**
Ardenne, M. von. See von Ardenne, M.
Argence, É., *and others*, ionospheric Faraday effect, **2760**
Argyres, P. N., Boltzmann transport equation for inelastic collisions, **3323**
Ariya, S. M., *and G. Grossmann*, magnetic susceptibility of VO_2-TiO_2 solid solutions, **1249**
Arkad'eva, E. N., *L. G. Paritskiĭ and S. M. Ryvkin*, kinetics of infrared impurity photoconductivity in CdS, **1194**
Armstrong, A. H., *and others*, charged particles in inner Van Allen belt, **1828**
Armstrong, J., *N. Bloembergen and D. Gill*, linear effect of electric field on nuclear quadrupole resonance, **3730**
Armstrong, R. A., *and A. Szabo*, relaxation in ruby, **1954**
Armstrong, R. W., *J. W. Faust, Jr, and W. A. Tiller*, structural study of $AgSbTe_2$, **955**
Arnaud, M., *and O. Cahen*, focusing magnets, **1001**
Arnold, C. B., *with others*, radio detection of Saturn, **135**
Arnoldt, P., transistor cascode trigger circuit, **85**
Arnoldy, R. L., *R. A. Hoffman and J. R. Winckler*, cosmic rays and soft radiation 5×10^4 km from earth, **142**
Artiges, J. C., *and J. C. Brun*, coincidence circuits using avalanche transistors, **3681**
Arunasalam, V., *and J. D. Trimmer*, pulse conduction in decaying plasma, **2151**
Asanabe, S., *and A. Okazaki*, electrical properties of GeSe, **245**
Asano, S., photoconductivity of Cu-activated CdS-Se, **1536**
Asanuma, M., ferromagnetism of γ-FeSn, **633**
Asawa, C. K., *with others*, stimulated optical emission of fluorescent solids, **4077**
Ascarelli, G., interaction of high-energy phonons in Ge, **615**
— *and S. C. Brown*, recombination of electrons and donors in Ge, **1568**
Asche, M., *and F. Eckart*, influence of H_2 atmosphere on photoconduction of CdS, **2239**
Ascione, A., noise figure of cascaded amplifiers, **87**
Ashkin, A., low-noise microwave quadrupole amplifier, **3199**
— *with E. I. Gordon*, energy interchange in quadrupolar pump fields, **3591**
— *with others*, excitation and amplification of cyclotron waves, **3204**
Ashwell, G. E., *with others*, phase variation in long-distance v.l.f. propagation, **2756**
Aspinall, D., *with others*, arithmetic unit using saturated-transistor fast-carry circuit, **434**
Asteraki, J. D., *with A. N. Beresford*, improving British Instrument Landing System localizer, **1178**
Astrov, D. N., magnetoelectric effect in antiferromagnetics, **1936**
Atkins, I. R., *A. R. Stanley and S. N. Watson*, survey of B.B.C. experimental colour transmiss ions, **1649**
Atlas, D., *and others*, radar scatter by large hail, **1531**
Atwater, H. A., microwave determination of carrier lifetime, **4251**
Atwill, W. D., star tracker, **309**
Auer, P. L., potential distributions in thermionic converter, **1279**
Augustin, E., a.m. and f.m. carriers in linear systems, **95**
Augustyniak, W. M., *with others*, electron-bomb arcment damage in Si Esaki diodes, **3961**
Auld, B. A., Walker modes in ferrite samples, **275**

Ausburn, K. J., *with C. J. Milner,* matching of Pierce guns to tunnels, **3978**
Austin, I. G., infrared Faraday rotation and absorption in Bi_2Te_3, **625**
Auth, J., photoelectromagnetic effect in CdS, **2243**
Avak'yants, G. M., properties of Ge in strong electric field, **942**
Aven, M., *and D. M. Cook,* electrical properties of ZnTe-CdS heterojunctions, **3052**
Avinor, M., *with G. Meijer,* excitation spectra of V-activated phosphors, **906**
Avins, J., *and others,* stereophonic system for a.m. broadcast band, **1311**
Awe, O., fading of radio waves, at vertical incidence, **3130,** at oblique incidence, **3131**
Axon, F., *and O. H. Barron,* B.B.C. sound broadcasting headquarters, **695**
Azároff, L. V., *with G. P. Mohanty,* distribution of electrons in CdS crystals, **1191**
Azbel', M. Ya., *with R. N. Gurzhi,* electron relaxation time and surface impedance, **1118**

Bachel, J., measurement of waveguide internal dimensions, **1402**
Bächle, E., transistor relaxation oscillator, **1106**
Bachmann, A. E., stabilization of d.c operating point of transistors, **4343**
Bacon, G. C., *with A. S. Hoagland,* digital magnetic recording techniques, **1316**
Bagaryatskii, B. A., effective recombination coefficient in ionosphere, **172**
Bailey, A. R., Nyquist diagram tracer, **2329**
Bailey, V. A., net electric charges on stars, **132,** existence of, (D)**1141;** steady component of interplanetary field, **1140;** power requirements for airglow excitation by gyrowaves, **4143**
Bailie, A., *and R. Bryant,* modified Hansen theory for motion of satellite, **546**
Bain, W. C., irregular fading of satellite transmissions, **1160;** ionospheric forward scattering, studies of, **3136,** directional observations on delayed signals in, **3137;** phase-difference observations at spaced aerials for d.f., **3786**
Bair, M. E., *with others,* radio detection of Saturn, **135;** low-noise X-band radiometer. **2364**
Baker, A. N., *with others,* spectral distribution of photomagnetoelectric effect in Ge, **241**
Baker, D. E., *with others,* selective-amplitude speech processing, **1390**
Baker, K. D., *with O. C. Haycock,* measuring antenna impedance in ionosphere, **1419**
Baker, T. H. B., semiconductor-diode waveguide switch, **3245**
Baldinger, E., *and W. Czaja,* energy expended in *p-n* junction detectors, **3123**
— *W. Czaja and A. Z. Faroogi, p-n* junctions as solid-state ionization chambers, **2753**
Baldwin, J. A., Jr, high-speed sensing of small currents, **3266**
Baldwin, J. E., *and C. H. Costain,* radio spectrum of Andromeda nebula, **2178**
Baldwin, K. M., *and others,* missile communication during re-entry blackout, **698**
Baldwin, L. D., nonreciprocal parametric amplifier circuits, **2900**
Ball, A. H., *and W. Nethercot,* radio interference from ignition systems, **3141**
Ballensiefen, G., *with R. Kohlhaas,* fine structure of Weiss domains, **4206**
Ballentyne, D. W. G., electroluminescence—disorder phenomenon, **2245;** infrared emission and electroluminescence of ZnS phosphors, **4167**
Balodis, J., *with others,* wireless studio control equipment, **1632**
Balser, M., *and C. A. Wagner,* earth-ionosphere cavity resonances, **688**
Baltensperger, W., *and A. M. de Graaf,* interactions between magnetic moments in semiconductors, **3016**
Bandeen, W. R., *and W. P. Manger,* angular motion of spin axis of Tiros I, **167**
Banerji, R. B., anisotropy in ionospheric diffraction and effect on drift measurement, **1166**
Bar, V., *with others,* electroluminescence of ZnS, **1884**
Baranowski, E., remote control equipment for unattended stations, **2008**
Barclay, L. W., reception of B.B.C. television sound transmissions at Halley Bay, **1626**
— *with W. R. Piggott,* reflection of waves from iceshelf, **2346**
Bardeen, J., tunnelling from many-particle point of view, **1555**
Barducci, I., loudness function, **2447**
Bardwell, B. W., radio telephone terminal, **2371**
Baret, H., directivity diagrams of vertical dipole with parasitic element, **2474**
Barkemeyer, H., *with others,* photovoltages in Si and Ge layers, **3831**
Barker, B., *and M. McMahan,* digital voltmeter employs voltage-to-time converter, **2738**
Barker, R. C., *and A. J. Gruodis,* saturable-core modulation integrator, **3317**
Barlow, H. E. M., nonreflecting waveguide tapers, **407**
Barnaby, C. F., *and J. C. Barton,* performance of large-area scintillation counters, **1014**
Barnard, G. R., *and C. M. McKinney,* scattering of acoustic energy by cylinders in water, **1706**
Barnes, C. R., *and C. R. Geesner,* Si_3N_4 thin-film dielectric, **1542**
Barnes, F. S., magnetic shield for beam frequency standards, **3896**
— *and D. Maley,* beam maser for 3 mm λ, **2520**
Barraclough, M., *with R. L. Grimsdale,* c.r.-tube output for digital computer, **3261**
Barrett, E. B., *with R. F. Whitmer,* nonlinear interaction of e.m. wave with plasma layer, **2167**
Barrington, R. E., *and T. Nishizaki,* whistler dispersion, and exospheric hydrogen, **191** *c,* hydrogen ion effect in, **2225**
Barron, D. W., numerical solution for reflection of long waves from ionosphere, **3135**
Barron, O. H., *with F. Axon,* B.B.C. sound broadcasting headquarters, **695**
Barrow, C. H., magnetic field of Jupiter, **844**
Barrow, C. W. M., *with others,* transistorized magnetostrictive delay-line stores, **444**
Barry, J. N., switching transistors, **731**
Barson, F., *and others,* diffusion process for In in *n*-type Ge, **947**
Barsukov, K. A., transition radiation in waveguide, **830**
— *and A. A. Kolomenskii,* Doppler effect in plasma in magnetic field, **126**
Bartelink, D. J., *with others,* hot-electron emission from Si *p-n* junctions, **3835**
Barthelt, H. P., *and A. Rossbach,* continuous recordings for vertical gradient of atmospheric refractive index, **2979**
Barthle, R. C., *with others,* radar methods of measuring cislunar electron density, **536**
Bartlemay, J. M., *with D. K. Reynolds,* long-wire antenna for meteor-burst communications, **2472**
Bartlett, B. E., *with R. E. J. King,* properties and applications of InSb, **3855**
Barton, J. C., *with C. F. Barnaby,* performance of large-area scintillation counters, **1014**
Bartz, G., depth of focus obtained with e.s. immersion objectives, **678**
Baruch, P., mobility of radiation-induced defects in Ge, **2684;** action of radiation on semiconductors, **3046**
Bar'yakhtar, V. G., *with others,* h.f. magnetic susceptibility of ferrodielectrics, **3882**
Basov, N. G., *and A. N. Oraevskii,* use of slow molecules in molecular generators, **802**
— *O. N. Krokhin and Yu. M. Popov,* semiconductor amplifiers with carriers of negative mass, **1771**
Bass, F. G., *and M. I. Kaganov,* combination scattering of e.m. waves in ferromagnetic dielectrics, **116**
Bass, J. C., microwave amplification in e.s. ring structures, **4365**
Bassett, O. E., *with others,* missile communication during re-entry blackout, **698**
Bassompierre, A., ferromagnetic resonance effect on metal resistance, **4175**
Bastelaer, P. van. See van Bastelaer, P.
Bastelberger, J., standard frequency of Federal Post Office, **4246**
Basu, M. S., *with others,* transfer function analyser **3111**
Basu, S., *with others,* v.l.f. modulation of solar noise bursts, **3365**
Bate, R. T., *and A. C. Beer,* influence of conductivity gradients on galvanomagnetic effects in semiconductors, **3025**
— *J. C. Bell and A. C. Beer,* influence of magnetoconductivity discontinuities on galvanomagnetic effects in InSb, **3061**
— *with W. P. Allred,* anisotropic segregation in InSb, **3853**
Bateman, T., *W. P. Mason and H. J. McSkimin,* third-order elastic moduli of Ge, **3041**
Bates, C. W., Jr, tunnelling current in Esaki diodes, **2801**
Bates, D. R., *and M. Nicolet,* rate of ion-atom interchange, **3390**
— *and T. N. L. Patterson,* hydrogen atoms and ions in thermosphere and exosphere, **3775**
Bates, H. F., slant-E, h.f. auroral echo, **1857**
— *R. D. Hunsucker and L. Owren,* focusing at skip distance, (D) **1292**
Bates, L. F., *and R. Carey,* domain tube structures in Si-Fe, **260;** domain patterns on Si-Fe sheet, **975**
— *and A. J. Pacey,* thermomagnetic behaviour of Co ferrite, **1942**
Bath, F., *with H. F. Mayer,* stereophonic broadcasting using p.a.m., **700**
Batifol, E., *and G. Durafforg,* diffusion coefficient of As in Ge from thermoelectric voltage, **3842**
Batterman, B. W., imaginary part of X-ray scattering factor for Ge, **3454**
Bauch, H., ring-type and double push-pull modulator, **3703**
Bauer, H., noise characteristic of pentode in v.h.f. range, **741**
Bauer, K., analogue and digital methods for telemetry, **4271**
Bauer, L. H., a.m. technique for Van Atta radar reflector, **1865**
Baumann, E., correction of nonlinear distortion in colour television, **1651**
Baumann, F., photoeffect of thin metal films, **1183**
Baumgartner, W., *and J. Linder,* photomultiplier with Sb-Na-K cathode, **2812**
Baumurk, J. F., *with J. P. Smith,* television imagery simulator, **3556**
Baur, K., theory of Adcock, **42;** wave analyser direction-finder, **575;** aerial arrays with attenuated side-lobes, **1734;** optimum vertical field strength at ground, **3254**
Bawer, R., *and J. J. Wolfe,* printed-circuit balun, **399**
Baxter, P., *and N. J. Hellicar,* properties of Pb-Ba niobates, **1545**
— *N. J. Hellicar and B. Lewis,* effect of additives of limited solubility on $BaTiO_3$ ceramics, **2641**
Bazzard, G. H., enhancement of ionization in E layer, **1170;** variations in daily ionospheric index of solar activity, **2967**
Beale, E. M. L., Brook variance classification system for d.f. bearings, **3789;** variances of position lines from fixes, **3790**
Beals, R. J., *with L. Bernstein,* thermal expansion and bonding problems of III-V compound semiconductors, **1556**
Bean, B. R., *and B. A. Cahoon,* correlation of median transmission loss and refractive index profile, **1980**
— *G. D. Thayer and B. A. Cahoon,* predicting atmospheric bending of radio rays, **319**
Beard, D. B., interaction of terrestrial magnetic field with solar corpuscular radiation, **858**
Beard, J. V., *and A. J. Wheeldon,* alternative h.f. telegraph systems, **1026,** (D)**2367**
Beattie, A. R., *and P. T. Landsberg,* overlap functions applied to Auger recombination in semiconductors, **3019**
Beattie, L. A., interstage design for stagger-loaded amplifiers, **3293**
Beatty, R. W., *with G. E. Schafer,* error analysis of standard microwave phase shifter, **777**
Becherer, R., nuclear paramagnetic resonance spectrograph, **518**
Bechmann, R., piezo-optic and electro-optic constants of zincblende, **1186;** AT-cut filter crystals for 0·7–60 Mc/s, **1430;** piezoelectric excitation of crystal oscillators, **2128;** thickness-shear-mode (RT-cut) quartz, **4171**
Beck, E. R., Jr, *with others,* tunnel-diode digital techniques, **1095**
Becker, C., *C. M. Bruen and R. B. Turner,* component variation for gradual transition between impedances, **454**
Becker, G., quality measurements on oscillator crystals, **2506;** large-factor frequency multiplication, **3289;** methods of pulse selection for timing marks, **3290**
Beckmann, B., approximate calculation of space-wave field strength, **3132**
— *and A. Ochs,* radio propagation conditions in I.G.Y., **2758**
Beckmann, P., *and U. Kühn,* 1·3-Gc/s link between Prague and Kolberg, **680**
Bedford, L. H., a.f. comb filter, **1752**
Bedrosian, S. D., elliptic functions in network synthesis, **3661**
Beer, A. C., *and R. T. Bate,* influence of conductivity gradients on galvanomagnetic effects in semiconductors, **3025**
— *with others,* influence of magnetoconductivity discontinuities on galvanomagnetic effects in InSb, **3061**
Beers, Y., sensitivities of beam maser and cavity absorption spectrometer, **1806**
Beeson, R. H., transistor equivalent circuit, **2416**
Begg, B., *with E. Mount,* bibliography for parametric devices and masers, **88**
Begiashvili, G. A., *and E. V. Gedalin,* Cherenkov radiation in medium with spatial dispersion, **3334**
Begun, S. J., *with others,* magnetic-tape read-out with electron beam, **1639**
Beisse, K. P., measurement of nonlinearity of deflection factor, **1612**
Bekefi, G., *and S. C. Brown,* radiation temperature of plasmas, **1463**
Belevitch, V., *J. Meinguet and P. van Bastelaer,* ring modulators, **1115**
Beljers, H. G., resonance isolators for mm waves, **2849**
Bell, J. C., *with others,* current flow in cylindrical semiconductor specimens, **1553;** influence of magnetoconductivity discontinuities on galvanomagnetic effects in InSb, **3061**
Bell, J. D., *with others,* radar echoes from aurora at 1 300 Mc/s, **1176**
Bell, J. S., *and P. G. Wright,* stabilized voltage supplies using transistors, **1036;** design of Butterworth filters, **1435;** design of d.c. converters, **2382**
Bell, R. L., *with R. E. Franks,* determining polarization orientation of linearly polarized source, **416**
Bell, R. O., *with others,* nonlinearity and microwave losses in $SrTiO_3$, **3808**
Bell, W. E., *and A. L. Bloom,* forbidden resonances in optically-driven spin-systems, **3353**
Bellchambers, W. H., *and W. R. Piggott,* ionosphere over Halley Bay, **563**
Belogurov, V. N., *with V. N. Lepeshinskaya,* work function of Mo with deposited film s, **2302**
Beloboubek, E. F., slow-wave structures for electrostatically focused travelling-wave tubes, **1689**
Belov, K. P., *and E. P. Svirina,* Hall effect in ferrites near Curie temperature, **278**
— *G. I. Kataev and R. Z. Levitin,* anomalies in internal friction and elasticity of ferromagnetic substances near Curie point, **979**
— *M. A. Zaitseva and A. V. Ped'ko,* magnetic properties of Gd oxides, **987**
Belova, E. K., *with others,* ternary semiconducting compounds, **3432**
Belrose, J. S., *and D. B. Ross,* unusual l.f. propagation on 12th November 1960, **4276**
Belyaev, A. D., *V. N. Vasilevskaya and E. G. Miselyuk,* formation of dislocations in Ge, **1517**
Belyakov, R. V., axial concentration coefficient of discrete receiving-radiating groups, **3608**
Bemski, G., *and B. Szymanski,* spin resonance of electrons on donors in Si, **1912;** oscillatory magnetoresistance in InAs, **2290**
Benant, M., *with others,* electrodeless measurement of semiconductor resistivity, **2750**
Beneking, H., narrow-band amplification with transistors, **3692**
Benjamin, H., *with others,* satellite instrumentation for primary cosmic radiation, **4111**
Benjamin, R., *with others,* electrodeless measurement of semiconductor resistivity, **2750**
Bennett, A. S., *and F. G. Smith,* comparison of three surveys of radio stars, **2556**
Bennett, L. C., *and J. R. Wiese,* effects of doping on thermoelectric properties of $Bi_2Te_{3-y}Se_{0-y}$, **2701**
Bennett, M. J., *and F. C. Tompkins,* interaction of O_2 with evaporated Ge films, **2284**
Bennett, W. R., Jr, *with others,* continuous optical maser action in gas discharge, **1812**
Bennington, T. W., ionosphere review, 1960, **1518**
Benson, F. A., *and G. P. Burdett,* comparison of admixtures in Ne discharge tubes, **4370**
— *and B. Rigg,* stability of reference tubes using monocrystalline cathodes, **4371**
Benthem, C. W., influence of electron interaction on reflectivity of metals, **819**

Benz, W., transistor equivalent circuits, **364**; characteristic transistor properties, **3968**
Berceli, T., travelling-wave amplifiers, **4366**
Beresford, A. N., *and J. D. Asteraki,* improving British Instrument Landing System localizer, **1178**
Berezin, A. K., *with others,* efficiency of helix waveguide, **28**
Berg, R. S., *and B. Howland,* wide-band shielded toroidal r.f. transformers, **4021**
Bergeijk, W. A., van. See van Bergeijk, W. A.
Berger, H., *K. W. Böer and E. H. Weber,* spectral distribution of photoconductivity in CdS, **1190, 1875**
Berger, N., spectrum representation for vestigial-sideband transmission, **3932**
Bergh, H. W., *and J. W. King,* critical frequencies and magnetic parameter correlation, **4125**
erghammer, J., space-charge effects in electron guns, **1686**; noise smoothing by reactive damping, **3206**
Bergstein, A., *and L. Červinka,* structure and oxygen content of Cu and Cu-Mn ferrite, **2315**
Berkeš, B., lifetime of tungsten heater filament, **4355**
Berlincourt, T. G., *R. R. Hake and D. H. Leslie,* superconductivity in Nb-Zr alloys, **3472**
Bernard, M. Y., *with J. M. Dolique,* investigation of plasma column, **822**
Bernard, W., *with L. J. Neuringer,* generation-recombination noise in Au-doped Ge, **3040**
Bernath, K., optimum form of Nyquist slope in television, **1656**; modified N.T.S.C. colour-television system, **3160**
Berning, W. W., rocket measurement of electron densities, **192**
Bernstein, L., *and R. J. Beals,* thermal expansion and bonding problems of III-V compound semiconductors, **1556**
Bertaut, F., spin configurations, **131**
Berteaud, A. J., *with R. Vautier,* absorption curve of pure and substituted Y garnet, **988**; apparent and intrinsic permeability at cm λ, **1586**
Bertein, F., matrix calculus of local oscillations in nonlinear circuits, **3660**
— *and A. Jelewski,* signal transmission by degenerate parametric amplifier, **91**
Bean, J. A., *and G. J. Goldsmith,* properties of ZnS crystals, **2617**
— *K. Nitsche and M. Lichtensteiger,* photoconductivity in ternary sulphides, **1872**
Bevan, H. C., *with others,* relation of sunspot numbers to E-region character figures, **2968**
Bevc, V., small-signal space-charge density in drifting beams, **2424**
Bevensee, R. M., theory of electron-beam interaction with slow-wave structures, **1684**
Bezrukikh, V. V., *with others,* interplanetary investigation of second Soviet space rocket, **151**
Bhagavantam, S., *M. Krishnamurthi and S. Ramakrishna,* cosmic noise at Bangalore, **3736**
Bharat, R., *with others,* temperature effects on GaAs switching transistors, **4351**
Bhargava, B. N., *and R. V. Subrahmanyan,* geomagnetic disturbance effects in equatorial E_s, **1514**
Bhargava, J. C., *with C. S. R. Rao,* M.U.F. factor and solar activity, **880**
Bhatia, A. B., *and R. A. Moore,* ultrasonic attenuation in metals, **2443**
Bhatnagar, P. L., *with B. B. Chakraborty,* stability of force-free magnetic fields, **3356**
Bhatt, N. B., *M. K. Gupta and Y. S. N. Murty,* measurements of noise in Delhi area, **3924**
Bhattacharyya, B. K., dipole-field-type magnetic disturbances, **2192**
Bhavsar, P. D., *with J. R. Winckler,* solar cosmic rays and geomagnetic storm 12th May 1959, **148**
— *with others,* time variations of solar cosmic rays July 1959, **2568**; delayed propagation of solar cosmic rays, **2942**
Bhide, V. G., *with L. V. Deshpande,* dielectric properties of SnO_2, **3807**
Bialas, H., *with J. Kranz,* image contrast in display of ferromagnetic domains by electron microscope, **4238**
Bibl, K., ionization of E_s layer, **869**; focusing at skip distance, (D) **1292**; active h.f. spectrometers for ionospheric sounding, **2209**
Bickart, C., *with others,* long-range clock synchronization experiment, **3093**
Bickford, L. R., Jr, magnetocrystalline anisotropy in hexagonal oxides, **271**
Bierstedt, P. E., *with others,* new class of conductive organic solids, **966**
Bies, D. A., effect of reflecting plane on multipole, **2440**
Biet, J. P., impurity-doping profile of transistor from electrical characteristics, **3969**
Biggi, J., *and others,* propagation in heterogeneous medium, **3129**
Bijl, H. K. See Kallmann Bijl, H.
Bikker, P., *with others,* parasitic oscillations in a.m. receivers, **1629**
Billings, A. R., *and D. J. Lloyd,* correlator employing Hall multipliers for vocoder analysis, (D) **2450**
Bimont, J., four-branch reactive ladder filter sections, **1748**
Bimschas, G., secondary-electron emission of metals, **2910**
Binder, D., effect of fission-spectrum neutrons on *n*-type Ge, **3456**
Bisrci, G., *and L. Piglione,* equivalent networks of generic multipoles, **79**
— *A. Ferro and G. Montalenti,* effect of neutron-bombardment on high-μ Fe, **980**; magnetic viscosity due to solute atom pairs, **1250, 2704**
Biot, M. A., *and I. Tolstoy,* formalism applied to Sturm-Liouville equation, **286**
Bir, G. L., *with G. E. Pikus,* cyclotron and paramagnetic resonance in strained crystals, **2262**; influence of deformation on properties of *p*-type Ge and Si, **2265**
Bird, L. E., *with others,* band-pass measurements of lunar reflection circuit, **2006**
Birdsall, C. K., *and G. W. Rayfield,* r.f. focusing of electron stream, (D) **2426**
Birdsall, T. G., detection with noisy stored reference signal, **322**
Birman, J. L., polarization of fluorescence in CdS and ZnS, **907**; structure of centres in ZnS, **1881**
Birnbaum, G., *with W. G. Wagner,* theory of quantum oscillators in multimode cavity, **3734**
Birnbaum, M., *with F. Arams,* maser action in ruby by off-resonance pumping, **4056**
Birnbaum, M. M., *with W. J. Wickman,* servo system for balloon-borne telescopes, **4312**
Birss, R. R., *and E. W. Lee,* saturation magnetostriction constants of Ni, **635**
Bisbee, D. L., *with E. A. Marcatili,* band-splitting filter, **1407**
Bishop, H., equipment of B.B.C. television centre, **2793**
Biswas, S., *and P. S. Freier,* cosmic-ray flare 4th May 1960, **2570**
Bittmann, E. E., designing magnetic-film memories **2103**
Blair, R. R., *with J. W. Easley* fast neutron bombardment of Esaki diodes, **723**
Blake, R. F., solid-state power relays, **706**
Blakemore, J. S., *J. W. Schultz and K. C. Nomura,* effects in dislocated Te, **1211**
— *with K. C. Nomura,* decay of excess carriers in semiconductors, **2258**
Blamont, J. E., *and C. de Jager,* upper-atmosphere turbulence near 100 km, **3774**
— *T. M. Donahue and M. L. Lory,* temperature of upper atmosphere to 150 km, **2577**
Blamoutier, M., C.F.T.H. vidicons, **3952**
Blattner, D. J., *with L. H. Ginsberg,* atmospheric noise levels from 0·6–10 kc/s, **3411**
Blevis, B. C., *with H. V. Serson,* observations of auroral ionization 11th–16th November 1960, **4145**
Bley, H., design of ring modulators, **483**
Blicher, A., *and I. H. Kalish,* reverse characteristics of low-lifetime Ge diodes, **4331**
— *R. M. Minton and R. Glicksman,* temperature dependence of peak current of Ge tunnel diodes, **4333**
Block, F. G., *and others,* construction of thermionic energy converter, **707**
Bloembergen, N., linear effect of applied electric field on magnetic hyperfine interaction, **3731**
— *P. S. Pershan and L. R. Wilcox,* microwave modulation of light in paramagnetic crystals, **1469**
— *with others,* linear effect of electric field on nuclear quadrupole resonance, **3730**
Blok, J., *with others,* photoconductive decay time of films of lead salts, **1879**; carrier density fluctuations, **1892**
Blom, B. V., *with others,* selective-amplitude speech processing, **1390**
Bloom, A. L., *with W. E. Bell,* forbidden resonances in optically-driven spin systems, **3353**
Blount, E. I., *with E. N. Adams,* energy bands in presence of external field, **4080**
Blum, E. J., *and A. M. Malinge,* radio storm centres and associated sunspots, **1822**
Blume, R. J., r.f. gate with 10^9 carrier suppression, **3288**
Blume, S., investigation of plane surface aerials, **38**
Blundell, A. J., *and others,* Si power rectifiers, **4315**
Blythe, J. H., scientific uses of earth satellites, **3382**
Bobber, R. J., *and G. A. Sabin,* cylindrical wave reciprocity parameter, **2832**
Bobisch, P., *and C. Sondhauss,* reactance diodes in waveguide amplifiers, **3571**
Bockemuehl, R. R., field-effect modulation of photoconductance, **1182**
— *J. E. Kauppila and D. S. Eddy,* photojunctions formed by diffusing Cu into insulating CdS crystals, **3803**
Bödeker, H., signal and noise field strength in television multipath reception, **1646**
Böer, K. W., *and H. Gutjahr,* ion contribution to current through CdS, **2996**
— *and U. Kümmel,* electrical breakdown in CdS, **1874**
— *and K. Lubitz,* temperature-stable contacts of CdS, **250**
— *and R. Rompe,* space-charge oscillations in semiconductors, **249**
— *H. Gutjahr and H. Hornung,* influence of annealing on CdS crystals, **2241**
— *H. Hornung and K. Zimmermann,* change of CdS crystal structure due to evaporation, **2238**
— *with others,* spectral distribution of photoconductivity in CdS, **1190, 1875**
Boersch, H., *and M. Lambeck,* observation of magnetization structure by means of Faraday effect, **2312**
— *H. Raith and D. Wohlleben,* electron-optical investigations of Weiss domains in Fe films, **2313**
— *W. Raith and H. Weber,* magnetic deflection of electron beams in thin Fe films, **3078**
— *and others,* antiparallel Weiss domains as bipisms, **2307**
Boeters, K. E., *with others,* PbSe films of high stability, **2244**
Bogdankevich, L. S., Cherenkov radiation of dipole in dielectric, **502**
Bogle, G. S., cross-relaxation masers, **1772**
— *and others,* paramagnetic-resonance spectroscopy at zero field, **1804**
Böhme, G., homogeneous Lecher line, **3995**
— *with M. v. Ardenne,* communications from planetary systems, **4311**
Bohn, E. V., Taylor-Cauchy and Laurent-Cauchy transforms, (D) **1266**; partition theory and associated transform methods, **3499**
Boiko, I. I., *E. I. Rashba and A. P. Trofimenko,* thermally stimulated conductivity in semiconductors, **2648**
Boivin, A., *and R. Tremblay,* microwave interferometer, **3114**
Boivin, M., electron-beam broadening by space charge, **3709**
Bok, J., charge carriers in semiconductors in strong electric fields, **226**
Böke, K., capacitance measurement at boundary Si-electrolyte, **238**
Bolch, J., ultrasonic microphones, **2455**
Boley, F. I., scattering of radiation by plasma, **124**
Bölger, B., *and B. J. Robinson,* paramagnetic relaxation rates determined by pulsed double resonance, **2726**
Boll, R., eddy-current losses in thin metal tapes, **1581**; switching coefficient and limiting frequency of ferromagnetic materials, **2305**; complex permeability of thin tapes, **2368**
Bolle, G., N.T.S.C. colour-bar generator, **345, 1040**
Bollée, B., *with others,* C.E.R.N. 600-Mev synchrocyclotron, **3517**
Bollhagen, H., *with others,* origin of decametre-λ radiation from Jupiter, **525**
Bolotovskii, B. M., *and A. A. Rukhadze,* field of charged particle in moving medium, **120**
Boltaks, B. I., *G. S. Kulikov and R. Sh. Malkovich,* effect of Au on properties of Si, **1913**
Bomhardt, K., tunable reactance-type straight amplifier, **4058**
— *with others,* reactance-type straight amplifier, **93**
Bonanomi, J., *with others,* Cs frequency standards, **3095**
Bond, F. R., *with J. V. Denholm,* orientation of polar auroras, **3406**
Bond, W. L., *and W. Kaiser,* interstitial versus substitutional oxygen in Si, **1216**
— *with others,* light emission from ruby, **657**
Bondi, H., reception of a.m. waves, **2761**
Böning, W., characteristics of nonlinear two-poles, **2323**; switching processes in d.c. circuits, **4020**
Bonnal, J. F., *G. Briffod and C. Manus,* oscillations and diffusion in weakly ionized plasmas, **1465, 3331**
Bonnor, W. B., field of electric current in general relativity, **1128**
Bonse, U., X-ray transmission factor of Ge single crystals, **3035**
Booker, H. G., reduction of F-region ionization due to missile transit, **2596**
Boonstra, B. P. A., *with A. J. W. Duijvestijn,* evaluation of functions in study of domain configuration in $BaFe_{12}O_{19}$, **1258**
Booth, A. D., transport of paper tape in digital computation, **51** *a*
Booth, C. F., international aspects of satellite communication system planning, **4304**
Booth, K. H. V., *and I. A. Harris,* effect of elastically reflected electrons on characteristic of thermionic diode, **3195**
Booy, H. C., *with others,* photoconductive decay time of films of lead salts, **1879**
Borgini, F., *with others,* computer subsystem using subharmonic oscillators, **1092**
Borgnis, F., e.m. energy density in dispersive media, **1471**; backward waves in waveguide with dielectric, **1728**
Bornemann, I., comparison of single-beam and triple-beam colour picture tubes, **2392**
Börner, H., effect of open acoustic screens, **3228**
Börner, M., mechanical filters, computation of, **3275**, with flexural coupling, **4030**
Borzyak, P. G., *P. M. Marchuk and O. G. Sarbei,* photoemission from Ge, **1921**
— *L. S. Miroshnichenko and O. G. Sarbei,* photoelectron emission from Ge and Si, **1908**
Bosch, B. G., *and W. A. Gambling,* techniques of microwave noise measurement, **3502**
— *W. A. Gambling and T. H. Wilmshurst,* excess noise in microwave mixer crystals, **3563**
Bosma, H., two capacitive windows in rectangular waveguide, **409**
Bösnecker, D., spectrometer for paramagnetic electron resonance, **2170**
Bossolasco, M., *and A. Elena,* lunar semidiurnal variation of D and F_2 layers, **866**; anomalous ionospheric absorption, **2592**
Botden, T. P. J., indicator tube for transistor decade counting circuits, **2059**
Botkin, E. D., *with G. J. Monser,* omnidirectional K-band antenna, **4012**
Boucher, G., *and O. Doehler,* rectification effect in gaseous discharges in crossed fields, **2909**
Boudouris, G., interpreting Doppler curves of artificial satellites, **1159**
Bougnot, G., *with others,* fast amplitude discriminator, **2886**
Bouix, M., e.m. point sources, **3333**
Bourguignon, J., precise time measurement of the order of one microsecond, **3895**
Bournazel, J., *with others,* simultaneous observations of 1958 δ2, **3756**
Bourne, B. E., variable program triggering source, **82**
Boussard, D., high-frequency phase meter, **3906**
Bouwknegt, A., *with A. Dymanus,* gain and noise ratio of 1N26 crystal rectifiers, **2800**
Bowers, R., *and Y. Yafet,* susceptibility of *p*-type Ge, **948**
Bowhill, S. A., recombination coefficient of ionosphere containing mixture of ions, **1510**; scattering of radio waves by randomly refracting medium, **1622**; rocket measurements of F-layer electron density, **3399**; diversity effects in long distance h.f. radio pulse propagation, **3912**; statistics of radio wave diffracted by random ionosphere, **3917**
— *with J. S. Nisbet,* electron densities in F region, **882**
Bowles, K. L., incoherent scattering by free electrons, **1841**
— *with R. Cohen,* nature of equatorial spread-F, **2590**
— *with T. E. Van Zandt,* use of incoherent-scatter technique for ionospheric temperatures, **176**
Boyd, C. R., noise-figure measurements of parametric diodes, **1050**

Boyd, G. D., *and J. P. Gordon*, confocal multimode resonator for masers, **2174**
Boyd, R. L. F., *and N. D. Twiddy*, electron energy distributions in plasmas, **493**
Boyer, J. M., radio-wave mechanism for distribution of Van Allen belts, **2564**
Bozorth, R. M., *D. D. Davis and A. J. Williams*, properties of magnetic superconductors, **634**
— *and others*, ferromagnetism in dilute solutions of Co in Pd, **3479**
Braam, G. P. A., weather conditions during television reception, **1320**
Bradley, D. J., *and J. R. James*, transistor frequency response, **1668**
Bradley, E. M., computer storage matrix, **438**
Bradshaw, J. A., *with L. G. Abraham, Jr*, weather and reception level on troposphere link, **2340**
Brady, J. J., *R. O. Brick and M. D. Pearson*, penetration of microwaves into rarer medium, **2168**
Braginski, A., *and T. Merceron*, magnetic relaxation in magnetite and solid solutions, **4232**
Brain, A. E., simulation of neutral elements by electrical networks, **1089**
Bramham, B., transformer for matching coaxial lines, **1064**
Brand, F. A., *A. N. Baker and H. Mette*, spectral distribution of photomagnetoelectric effect in Ge, **241**
— *with others*, varactor-diode standing-wave amplifier, **1452**; electrodeless measurement of semiconductor resistivity, **2730**
Brand, H., wave parameters and wave matrices, **3627**
Brändli, A., parametric circuits using ferrites, **1778**
Brands, C. W., *with others*, surface potential of Si, **3447**
Brandt, R. H., *with J. P. Schafer*, 960-Mc/s 10-kW transmitter, **3957**
Branwood, A., *and R. H. Tredgold*, conductivity of $BaTiO_3$, **219**
Bratschun, W. R., *and R. L. Cook*, dielectric properties of solid solutions of Na niobate, **3008**
Brault, A. L., *with K. Ishii*, crystal biasing improves mm-wave detector, **3321**
Braun, A. F., tracking-radar techniques, **1868**
Braun, P. B., *and W. Kwestroo*, Ca-Fe-O compounds, **1263**
Braunersreuther, E., *F. Kuhrt and H. J. Lippmann*, Hall constant and electron mobility of InSb, InAs and $In(As_{0.8}P_{0.2})$, **1237**
Bray, W. J., standardization of international microwave radio relay systems, **2775**
Breakwell, J. V., *with C. M. Petty*, satellite orbits, **2579**
Brebrick, R. F., composition stability limits of semiconductor compounds, **2260**
Breitzer, D. I., *with others*, magnetic-tape read-out with electron beam, **1639**
Brekhovskikh, L., propagation of sonic and ultrasonic waves in natural waveguides, **1383**
Brekhovskikh, M. M., *and V. A. Eliseevnin*, propagation in inhomogeneous waveguide, **3339**
Brenan, P. M., radio-star scintillation, ionospheric drifts determined from, **564**, correlation of, **845**
Brenner, R., Bloch walls in thin Si-Fe, **632**
Breslow, D. H., measuring power-transistor parameters by pulse techniques, **1674**
Brett, C. F., parametric amplifier for space-probe tracking, **1777**
Brett, H., *F. A. Brand and W. G. Matthei*, varactor-diode standing-wave amplifier, **1452**
Bretting, J., *with others*, travelling-wave tubes with tubular-magnet focusing, **3598**
Brewer, R., *and D. J. E. Richards*, life characteristics of typical semiconductor devices, **3560**
Brice, J. C., *and P. Moore*, contactless resistivity meter for semiconductors, **3861**
Brice, N. M., travelling-wave amplification of whistlers, **891**
Brick, R. O., *with others*, penetration of microwaves into rarer medium, **2168**
Bridge, H. S., *and others*, instrument for investigation of interplanetary plasma, **521**
Bridges, J. E., pseudo-rectification and detection by resistors, **1454**
Briffod, G., *with others*, oscillations and diffusion in weakly ionized plasmas, **1465**, **3331**
Briggs, B. H., diffraction by irregular screen, **1474**
— *and H. Rishbeth*, analogue for ionospheric F region, **4135**
Briggs, B. R., *with J. R. Spreiter*, theory of e.s. fields in ionosphere, **3393**, **4115**
Briner-Aimo, E., microphone distance in sound recording, **3234**
Brinton, H. C., *with H. A. Taylor, Jr*, atmospheric ion composition, **4127**
Briscoe, H. W., *with others*, ionospheric back-scatter characteristics, **188**
Brito, J. M., Jr, elimination of ionospheric refraction effects, **4249**
Britt, C. O., *C. W. Tolbert and A. W. Straiton*, absorption of gases in 100–117-Gc/s range, **1813**
Broadbent, K. D., random-access memory, **53**
Brocklebank, R. W., *with M. H. Wilson*, Land's system of two-colour projection, **3553**
Brodwin, M. E., *and J. W. Davis*, effect of magnetic fields on reflex-klystron characteristics, **3201**
Brody, T. P., impurity-band conduction and excess current in tunnel diodes, **2802**
— *with others*, added-carrier transport problems in semiconductors, **3819**
Broersma, S., *with J. K. Furdyna*, microwave Faraday effect in Si and Ge, **1562**
Bronshtein, I. M., *and B. S. Fraiman*, secondary emission from thin metal layers and semiconductors, **3069**
Brooks, H., *with others*, polarizability of free carriers in Ge and Si, **1906**
Brooks, R., velocity of sound in distilled water, **766**
Broom, R. F., upper limit for resistivity of superconducting film, **3067**
Brophy, J. J., current noise and distributed traps in CdS, **2999**
— *with R. J. Robinson*, fluctuations, neutral transport and photoconduction in CdS, **1189**
Brosio, E., measurement of sound insulation, **2452**
Bross, H., direction dependence of physical properties in crystals, **2322**
Broten, N. W., *with W. J. Medd*, lunar temperature measurements at 3200 Mc/s, **3739**
Broudy, R. M., *and J. W. McClure*, one-dimensional interaction statistics, **224**
Brouillette, J. W., *with others*, solid-state device aspects of microsystem electronics, **765**
Brouneus, H. A., *and W. H. Jenkins*, continuously variable glass delay line, **1444**
Broussaud, G., *and L. Malnar*, coupled-cavity maser-type amplifiers, **3301**
— *and E. Spitz*, endfire antennas, **1421**
Brout, R., statistical mechanics of ferromagnetism, **2918**
— *with M. Coopersmith*, threshold concentration for ferromagnetism in dilute alloys, **2303**
Brown, A. L., *with E. M. Conwell*, scattering of hot carriers in Ge, **943**
Brown, D. C., *and M. F. Penny*, grid-controlled electron multiplier, **370**
Brown, J., waveguide harmonic generators, **2131**
— *with J. Lopez*, voltage-variable capacitors make relaxation oscillator, **3282**
— *with J. K. Sinha*, cavity-resonator method for measuring permittivity, **664**
Brown, J. S., improving gain control of transistor amplifiers, **2517**
Brown, L., *with W. Hauser*, size effect of ferrite spheres, **2113**
Brown, L. R., nonscanning character reader, **1012**
Brown, M. A. C. S., *and E. G. S. Paige*, electric-field-induced modulation of absorption in Ge, **3838**
Brown, M. V., *and J. Ricard*, fluctuations in surface-reflected pulsed c.w. arrivals, **1385**
Brown, R. F., switching functions for minimizing error in on-off control system, **703**; effect of stress on dielectric properties of $BaTiO_3$ and $Pb(Zr,Ti)O_3$, **3428**
Brown, R. H., *R. D. Davies and C. Hazard*, curious feature of radio sky, **1490**
Brown, R. J. S., distribution of fields from random dipoles, **2549**
Brown, R. R., balloon observations of auroral-zone X rays, **2938**
— *and others*, electron bombardment of atmosphere at sudden commencement, **2573**
— *with others*, solar flare radiation and modulation effects, **145**
Brown, S. C., *with G. Ascarelli*, recombination of electrons and donors in Ge, **1568**
— *with G. Bekefi*, radiation temperature of plasmas, **1463**
— *with J. L. Hirshfield*, incoherent microwave radiation from plasma, **3336**
Brown, W. E., Jr, lunar and planetary echo theory, **537**
Brown, W. L., *with others*, solar cells for communication satellites in Van Allen belt, **3942**
Brubaker, T. A., *and G. A. Korn*, amplitude distribution analyser, **2332**
Bruce, C. E. R., all-electric universe, **1488**
Bruch, J. zum. See zum Bruch, J.
Brück, L., *and W. Klein*, microwave valves, **2039**
Bruen, C. M., *with others*, component variation for gradual transition between impedances, **454**
Bruin, F., *and D. van Ladesteyn*, influence of modulation on recording of resonance phenomena, **837**
Brun, J. C., *with J. C. Artiges*, coincidence circuits using avalanche transistors, **3681**
Brundell, P. O., transient e.m. waves round a cylindrical transmitting aerial, **780**
Bruner, L. J., *and R. W. Keyes*, electronic effect in elastic constants of Ge, **3837**
Brunner, F., mobile Eurovision installation, **4324**
Brunt, W. E., evaluation of Marconi AD 2300, **2611** *b*; automatic techniques in civil air line communication systems, **3539**
Bryanskii, L. N., *with M. E. Gertsenshtein*, elimination of mismatch-error, **1611**
Bryant, R., *with A. Bailie*, modified Hansen theory for motion of satellite, **546**
— *with R. Jastrow*, variations in orbit of Echo satellite, **548**
Bube, R. H., photoconductivity in microcrystalline powders, **1181**
— *and E. L. Lind*, photoconductivity in GaS-GaSe, **586**
— *and W. H. McCarroll*, photoconductivity in In_2S_3, **4165**
— *and H. E. MacDonald*, mobility in photoconducting insulators, **2234**
Buchholz, H., e.m. fields of axial symmetry, **513**; H_{on} mode in circular waveguide, **2084**; heating of dielectric disks in h.f. field, **2461**
Buchsbaum, S. J., ion resonance in multicomponent plasma, **824**
Buckley, G. V., *with M. J. Miller*, speed control of d.c. motors, **1312**
Buckmaster, H. A., angular variation of spin Hamiltonian eigenvalues in strong magnetic field, **3732**
Buehler, E., *with others*, production of magnetic fields by superconducting solenoid, **1795**; superconductivity in Nb_3Sn, **1934**
Bugnolo, D. S., spread F and multiple scattering in ionosphere, **1168**
Buimistrov, V. M., *and V. N. Piskovol*, accuracy of variational method in problem of absorption of light in Si, **2666**
Bullinger, G., dielectric after-effects in Ba titanates, **2642**
Bullough, K., auroral observations by radar in Terre Adélie, **4147**
Buneman, O., fluctuations in multicomponent plasma, **3328**
Bunn, H. L., electron density and distribution in plasmas, **2534**
Bunn, J. W., *and J. Harrison*, ceramic permanent magnets, **641**
Buravikhin, V. A., *with L. V. Kirenskii*, polarity of domain boundaries in ferromagnetic films, **3483**
Burdett, G. P., *with F. A. Benson*, comparison of admixtures in Ne discharge tubes, **4370**
Burg, F. A. W., van. See van Berg, F. A. W.
Burgess, J. H., *with others*, cross-relaxation and concentration effects in ruby, **2727**
Burgess, V. R., *with others*, paramagnetic-resonance spectroscopy at zero field, **1804**
Burgiel, J. C., *V. Jaccarino and A. L. Schawlow*, nuclear quadrupole resonance in antiferromagnet, **3070**
Burgstaller, J., medium-wave transmitting installation Bisamberg, **1664** *c*
Burkard, O., temperature maximum in middle ionosphere, **1508**
Burkett, R. H. W., tin oxide resistors, **2484**
Burkhardt, G., *C. Fahl and R. W. Larenz*, coupling mechanisms in plasma, **3330**
Burkin, A. L., *and I. T. Sheftel'*, Co-Mn oxide bolometers, **1964**
Burrus, C. A., mm-wave Esaki-diode oscillators, **1049**; GaSb Esaki diodes, **3184**; h.f. Si varactor diodes, **3562**; GaAs Esaki diodes for h.f. applications, **3568**
— *and R. Trambarulo*, mm-wave Esaki diode amplifier, **3186**
— *with R. Trambarulo*, Esaki-diode oscillators, **359**
Burstein, E., *D. N. Langenberg and B. N. Taylor*, superconductors as quantum detectors for microwave radiation, **1965**
— *with others*, de Haas-van Alphen oscillations in PbTe, **3466**
Burtnyk, N., spectrum generator for antenna calibration, **1002**
— *with C. W. McNeish*, application of interferometer to h.f. d.f., **4153**
Busch, G., *and F. Hulliger*, minerals as prototypes of new semiconductors, **2656**
— *and E. Steigmeier*, conductivity, Hall effect and thermo-e.m.f., **3464**
— *and O. Vogt*, conductivity and Hall effect of Ge-Si alloys, **1922**; magnetic susceptibility of Ge-Si crystals, **3049**
Busen, K., *with others*, capillary alloying, **3890**
Buss, B., *and J. R. Millburn*, active communication satellite system, **4303**
Butrov, M. V., diffraction of scalar wave by slit and circular aperture, **1799**
Butsko, N. I., photoconductivity of MgS, **2625**
Butterweck, H. J., forced oscillations in e.m. cavities, **1101**; equivalent wave source, **2487**
Butti, A., *with G. B. Stracca*, amplification by nonlinear reactances, **1109**
Byatt, W. J., *and G. P. DeVault*, iteration-variation method for wave propagation problems, **3520**
Bykov, N. S., *and Yu. G. Shnelder*, influence of surface finish on attenuation of surface waves, **3607**
Bylander, E. G., *A. J. Hodges and J. A. Roberts*, high-efficiency solar-conversion GaAs junction, **2381**
Byram, E. T., *T. A. Chubb and H. Friedman*, attempt to measure night He glow, **3779**
Byrne, C. J., *with A. J. Goldstein*, pull-in frequency of phase-controlled oscillator, **3280**

Cachon, P., characteristics of photomultipliers, **736**, **2035**
Cade, C. M., infrared scanners for airborne reconnaissance, **1524**
Cadeville, M. C., *and A. J. P. Meyer*, magnetic properties of Fe_2P, **3072**
Cagan, V., investigation of ferrites in 10-Gc/s band, **1260**
Cahen, O., *with M. Arnaud*, focusing magnets, **1001**
— *with J. E. Picquendar*, theoretical investigation of type-O focusing, **1379**
Cahn, H., *with others*, evaluating receiver susceptibility to interference, **2766**
Cahn, J. H., *with others*, current flow in cylindrical semiconductor specimens, **1553**
Cahoon, B. A., *with B. R. Bean*, correlation of median transmission loss and refractive index profile, **1980**
— *with others*, predicting atmospheric bending of radio rays, **319**
Caillon, P., *with E. Groubert*, measurement of dielectric properties of lossy materials, **3905**
Cairó, L., propagation of e.m. waves in circular waveguide containing plasma, **2466**
— *and T. Kahan*, variational principle for systems of equations with common eigenvalues, **4006**
Caldecott, R., *and W. H. Peake*, low-noise antennas, **1420**
Callen, E. R., *and H. B. Callen*, anisotropic magnetization, **1470**
Callen, H. B., back-reaction term in ferromagnetic relaxation equations, **2551**
— *and E. Pittelli*, anisotropic ferromagnetic resonance linewidth in ferrites, **652**
— *with E. R. Callen*, anisotropic magnetization, **1470**
— *with C. W. Haas*, resonance line width in Co-substituted ferrites, **3079**
Callendar, M. V., *and D. F. White*, emission of X rays from television receivers, **3170**
Campbell, W. H., *and H. Leinbach*, ionospheric absorption at times of auroral and magnetic pulsations, **1516**
— *and M. H. Rees*, study of auroral coruscations, **1520**
Campbell, W. S., *and P. L. Hubert*, ionospheric disturbance 12th and 16th November 1960, **4118**
Camras, M., *and R. Sears*, outside-coil magnetic head improves high-frequency recording, **3543**
Can, C. le. See le Can, C.
Cantz, R., low-noise input circuits in 100-Mc/s region, **689**; noise of grid-controlled mixer valves, **739**

Capon, I. N., application of ray tracing methods to signals from satellites, **1624**
Cappuccini, F., common European standard for colour television, **3162**
Caprioli, L., *and others*, synthesis of radiation patterns at finite distances, **3251**
Carabateas, E. N., *S. D. Pezaris and G. N. Halsopoulos*, characteristics of Cs thermionic converters, **2335**
Caravel, A., bridge-type passive voltage and current stabilizers, **3946**
Cardona, M., optical investigation of band structure, of GaSb, **2288, 3055,** of InP, **3057**; electron effective masses of InAs and GaAs, **2289**
— *and W. Paul*, pressure dependence of energy gap in Ge, **1915**
— *and W. Ruppel*, oscillations in Ge with applied pulsed electric field, **611**
— *and H. S. Sommers, Jr*, effect of temperature and doping on reflectivity of Ge, **3844**
— *W. Paul and H. Brooks*, polarizability of free carriers in Ge and Si, **1906**
Cardoso, J. M., *with others*, cosmic-ray intensity during magnetic storms, July 1959, **2184**
Carey, R., *with L. F. Bates*, domain tube structures in Si-Fe, **260**; domain patterns on Si-Fe sheet, **975**
Carl, H., measurements of tropospheric trans-horizon propagation, **3522**
Carleton, H. R., volume reverberation as scattering phenomenon, **2442**
Carlin, H. J., gain-bandwidth optimization in passive transducers, **69**
— *and D. C. Youla*, network synthesis with negative resistors, **2501**
Carlson, R., tunnel-diode fast-step generator produces positive on negative steps, **3679**
Carmichael, H., *with others*, cosmic-ray fluctuations in November 1960, **2937**
Carnt, P. S., *and E. Ribchester*, oscillation synthesis for s.s.b. receivers, **2132**
Carome, E. F., *and J. M. Witting*, ultrasonic attenuation in cylindrical and rectangular waveguides, **1702**
Caroumbalos, C., *with others*, ionospheric absorption and solar activity in intermediate latitudes, **4123**
Carpenter, D. L., *with R. L. Smith*, nose whistler analysis, **4149**
Carpenter, R. J., *with others*, effects of multiple propagation in meteor-burst communication, **327**
Carpenter, R. L., *with others*, solar pressure perturbations of Echo I, **1158**
Carr, T. D., *A. G. Smith and H. Bollhagen*, origin of decametre-λ radiation from Jupiter, **523**
Carr, W. N., *and T. C. Matty*, additional negative-resistance oscillation modes, **3281**
— *and A. G. Milnes*, circuit control of tunnel-diode negative-resistance characteristics, **3569**
Carrara, N., meteorites and meteors, **3373**
— *F. F. Checcacci and L. Ronchi*, volume density of meteor-trail echoes, **1016**
— *and others*, volume density of radio echoes from meteor trails, **3378, 3379**
— *with others*, simultaneous observations of 1958δ_2, **3756**
Carroll, W. N., high-speed counter requiring no carry propagation, **465**
— *and F. F. Jenny*, design techniques for multilayer thin-film networks, **3264**
Carru, H., *R. Gendrin and M. Reyssat*, transatlantic communication via Echo I, **1306**
Carson, J. W., *D. P. Devor and R. H. Hoskins*, paramagnetic resonance of Cr^{3+} in Y_3O_3, **3497**
Carter, P. S., Jr, mutual-impedance effects in scanning arrays, **1080**
Cartwright, D. G., direction-finding on diffuse sources, **1318**
Casella, R. C., toroidal energy surfaces in crystals with wurtzite symmetry, **588**
Casey, D. W., II, microwave swept receiver uses zero intermediate frequency, **2767**
Casey, J., *with others*, capillary alloying, **3890**
Caspar, G., tasks of medium-wave broadcast transmitting installation, **1664** *b*
Cassagne, P., *with R. Chaste*, Henri de France colour television system, **710**
Cassassolles, J., measurement and standardization, **3897**
Cassignol, É., *and Y. Chow*, calculation of quadripole parameters, **788**
— *G. Giralt and Y. Sevely*, stabilization of direct-voltage supplies, **705**
Castel, F. du. See du Castel, F.
Castle, J. G., Jr, *P. F. Chester and P. E. Wagner*, electron spin-lattice relaxation in $K_4Cr(CN)_6$, **280**
Castro, P. L., *with L. E. Hollander, Jr*, anisotropic conduction in TiO_2, **623**
Caswell, H. L., effect of residual gases on superconducting tin films, **1578**
Cazalas, A., *and B. Picot*, slow transmission of television pictures, **2015**
Cazeneuve, B., *with C. Curie*, sinusoidal-voltage scanning of camera tubes, **346**
Celio, T., equipment for phase correction, **1652**
Cense, A., *with others*, parasitic oscillations in a.m. receivers, **1629**
Cervellati, F., *and F. Schiaffino*, single-ended push-pull amplifier, **2890**
Červinka, L., *with A. Bergstein*, structure and oxygen content of Cu and Cu-Mn ferrite, **2315**
Chadha, K. C., calculating sky-wave field intensities, **3911**
Chagnon, P. R., linear μs gate, **1765**
Chakraborty, B. B., *and P. L. Bhatnagar*, stability of force-free magnetic fields, **3356**
Chalk, G. O., electron-beam parametric amplifier for 200 Mc/s, **1370**
Chalmers, J. A., thunderstorm theories, **2981**
Chalupnik, J. D., *E. Rule and F. J. Suellentrop*, pressure response of condenser microphone, **1718**
Champlin, K. S., semiconductors, Hall field relaxation in, **603**, GR noise spectrum of, **2299**
Champness, C. H., magnetoresistance and Hall effect in InSb, **3060**; diffusion of minority carriers from point on Si, **3443**
Chandra, K., *with others*, resonator and output couplers for inverted magnetron, **1377**
Chang, H., fields external to open-structure magnetic devices, **2158**
Chapman, J. H., polar radio blackout 7th July 1958, **1173**
— *and A. R. Mclozzi*, cosmic-noise measurements at 3·8 Mc/s from satellite 1960η1, **3737**
Chapman, S., scale times and scale lengths of variables, **1507**
— *with S. I. Akasofu*, neutral-line discharge theory of aurora, **2602**; ring current, geomagnetic disturbance and Van Allen belts, **2946**
Chappey, M., *p-n-p-n* diode, **3572**
Charap, S. H., anisotropy of intrinsic domain magnetization, **628**
Charman, P. A., Si surface alloy transistors, **2418**
Chase, L. F., Jr, *with others*, energy spectrum and distribution of trapped electrons, **4091**
Chase, R. L., multiple-coincidence circuit, **464**
Chaste, R., *and P. Cassagne*, Henri de France colour television system, **710**
Chatterjee, J. S., magnetic disturbances and earth's magnetic field, **2944**
Chatterjee, S. K., *and C. Dhanalakshmi*, metal-disk delay dielectrics, **1199**
— *with C. Dhanalakshmi*, microwave transmission through metal-disk delay dielectrics, **429**
Chebotarev, G. A., *with V. T. Gontkovskaya*, motion of third Soviet cosmic rocket, **2578**
Checcacci, P. F., *with others*, volume density of meteor-trail echoes, **1016, 3378, 3379**; simultaneous observations of 1958δ_2, **3756**
Chen, T. S., attenuation of ferrite in single-ridge waveguide, **26**; theory and performance of travelling-wave tube, **1688**
Cheng, D. K., *and M. T. Ma*, mathematical approach for linear array analysis, **1076**
Chen Tun, *with V. V. Furduev*, measurement of sound diffusion in rooms, **1716**
Chernikova, L. A., *with O. S. Galkina*, relation between low-temperature resistance and galvanomagnetic effect, **1204**
— *with others*, resistance maximum for ferromagnetics at Curie points, **1254**
Chernova, L. I., *with others*, cm-wave propagation through plasma-filled waveguide, **3625**
Cherry, C., electroacoustics for human listeners, **1389**
Cherry, E. M., third-harmonic tuning of e.h.t. transformers, **2792**; synchronizing and a.g.c. circuits in television receivers, **3169**
Cherry, R. J., *with J. W. Allen*, space-charge currents in GaAs, **1233**
Chertock, G., sound radiation from prolate spheroids, **3985**
Chester, P. F., cross-doping agents for rutile masers, **2898**
— *with others*, electron spin-lattice relaxation in $K_4Cr(CN)_6$, **280**
Chetaev, D. N., *with V. G. Zernyatko*, input impedance of current loop, **117**
Chetkin, M. V., *with G. S. Krinchik*, determining permittivity and permeability tensors, **829**
Chien, R. T., optimal noiseless load-sharing matrix switches, **441**
Chikazumi, S., *with T. Wakiyama*, magnetostriction and crystal anisotropy of Ni alloys, **1582**
Chikhachev, B. M., oscillations in refraction of radio waves from sun, **3738**
Chilton, C. J., v.l.f. phase perturbation associated with meteor shower activity, **1995**
Chin, T. N., electron trajectories in nonuniform magnetic field, **2429**
Chiplonkar, M. W., *and V. V. Agashe*, nightglow emissions at Poona, **4141**
Chirlian, P. M., cascaded tunnel-diode amplifier, **4062**
— *and V. A. Marsocci*, linear circuit aspects of cryotrons, **3656**
Chisholm, R. M., boundary conditions and ohmic losses in conducting wedges, **128**
Chivers, H. J. A., variations in amplitude scintillations of Cassiopeia, **136**; statistical study of ionospheric drifts, **3398**
Cho, Y., parametric-excited resonator using transistor, **2526**
Cho Yen Ho, *with E. B. Penrod*, theory of Peltier refrigerator and thermoelectric generator, **1278**
Cholet, P. H., *with G. Lucovsky*, GaAs photodiode, **2420**
Chopra, K. P., carbon production in upper atmosphere, **2954**; motion of bodies in ionized atmosphere, **3383**, excitation of plasma waves by, **3751**
Choudhury, A. K., *M. S. Basu and A. K. Mahalanabis*, transfer function analyser, **3111**
Chow, K. K., *and R. H. Pantell*, cyclotron-resonance backward-wave oscillator, **756**
Chow, Y., *with E. Cassignol*, calculation of quadripole parameters, **788**
Choyke, W. J., *with L. Patrick*, lattice absorption bands in SiC, **4184**
Chrenko, R. M., *with others*, defects in irradiated Si, **2672**
Christiansen, H. M., *and M. Schlichte*, 60-channel p.ph.m. equipment, **2774**
Christiansen, W. N., *and others*, crossed-grating interferometer, **1078**
Christopher, M. E., *with S. Machlup*, piezoelectricity of quartz for finite strain, **3816**
Chu, T. S., *with others*, scattering of surface wave by discontinuity on right-angled wedge, **3346**
Chubarina, E. V., *with I. M. Imyanitov*, e.s. field in free atmosphere, **160**
Chubb, T. A., *with others*, attempt to measure night He glow, **3779**
Chudakov, A. E., *with S. N. Vernov*, investigation of cosmic radiation by rocket and satellite, **1498**
— *with others*, radiation measurements of third space rocket, **2947**
Chynoweth, A. G., *and W. L. Feldmann*, domain delineation in triglycine sulphate, **918**
— *and H. K. Gummel*, photon emission from avalanche breakdown in Ge *p-n* junctions, **1566**
— *and A. A. Murray*, pinch effect in InSb, **3854**
— *W. L. Feldmann and R. A. Logan*, excess tunnel current in Si Esaki junction, **2272**
— *R. A. Logan and P. A. Wolff*, effect of Landau levels on tunnel currents in InSb, **1239**
Cilliers, W. A., fading of l.f. waves reflected from ionosphere, **685**
Cimagalli, V., nonlinear negative differential resistors, **2873**
Ciuciura, A., c.r.-tube photomicrometer, **1277**
Cladis, J. B., *and A. J. Dessler*, X rays from Van Allen belt electrons, **1826**
— *and others*, energy spectrum and distribution of trapped electrons, **4091**
Clarence, N. D., *and P. A. O'Brien*, dispersions of multiple-stroke whistlers, **2987**
Clark, A. E., *and R. E. Strakna*, elastic constants of YIG, **3489**
Clark, C. A., Ni-base alloys for magnetostrictive transducers, **4215**
Clark, J. W., *and T. D. Hanscome*, radiation pulses and electronics, **380**
Clarke, G. M., travelling-wave tubes, tapering, **751**, experimental, **1371**
Clarricoats, P. J. B., *and R. A. Waldron*, non-periodic slow-wave and backward-wave structures, **33**
Claussen, B. H., modulation of light by electric field, **3043**
Clavier, P. A., man-made heating and ionization of upper atmosphere, **2599**; propagation in plasma, **2757**; new microwave power amplifier, **2899**
Clay, C. S., fluctuations of sound reflected from sea surface, **1384**; array steering in layered waveguide, **3992**
Cleiren, A. P., *with W. van Gool*, fluorescence of ZnS, **910**
— *with others*, fluorescence of activated ZnS phosphors, **909**
Clinger, A. H., *and A. W. Straiton*, radiosonde for direct measurement of refractive index, **886**
Clingman, W. H., thermoelectric device design, **3516**
— *and R. G. Moore, Jr*, application of ferroelectricity to energy conversion processes, **2746**
Clogston, A. M., *with others*, magnetic moment of transition metal atoms in dilute solution, **1244**; ferromagnetism in Sc-In solid solutions, **3871**
Clorfeine, A. S., diode reverse characteristics at low temperatures, **4330**
Closser, W. H., drift mobility in irradiated Ge, **242**
Codelupi, R., application of distortion functions to nonlinear circuits, **1744**; harmonic-distortion coefficients of radio links, **2772**; impedance measurement on coaxial cables, **3106**
Cogdell, J. R., *A. P. Deam and A. W. Straiton*, temperature compensation of coaxial cavities, **63**
Cohen, C. J., *and R. J. Anderle*, earth's 'pear shape' gravitational harmonic, **862**
— *and E. C. Hubbard*, algorithm for integration of orbits, **547**
Cohen, J., polarization effects in electrical 'conductivity' of artificial sapphire, **1591**
Cohen, M. H., radiation in plasma, **4069**
— *and M. L. Dwarkin*, perpendicular intersections with dipole field, **1985**
— *and F. S. Ham*, electron effective mass in solids, **1487**
Cohen, M. S., *with others*, oblique-incidence anisotropy in evaporated permalloy films, **638**
Cohen, R., *and K. L. Bowles*, nature of equatorial spread-F, **2590**
Coldewey, G., sync-pulse separator in television transmitters, **713**; monochrome television transmitters used for colour television, **1661**; quadripole networks for phase correction, **2498**
Cole, K. D., dynamo theory of aurora and magnetic disturbance, **888**; electrohydromagnetic waves in fully ionized gas, **3715**
Coleman, J. T., continuously variable balun, **3619**
Coleman, P. D., *and C. Enderby*, Cherenkov coupler for production of mm and sub-mm waves, **119**
— *with B. W. Hakki*, Cherenkov radiation in dielectric-tube waveguide, **2920**
Coleman, P. J., Jr, effect of betatron accelerations on magnetically trapped particles, **2936**
— *C. P. Sonett and L. Davis, Jr*, interplanetary magnetic storm: Pioneer V, **3752**
Colin, J. E., antimetric filters, ladder-type, **1749**, between equal resistances, **2119**
— *and P. Allemandou*, optimum matching of symmetrical filters, **3664**
Collier, R. J., bi-signal amplification in crossed-field amplifier, **2050**
Collin, R. E., variational integral for lossy transmission lines, **396**
Collins, C., *and D. H. Jelly*, ionospheric disturbances at time of cosmic-ray increases, **1169**
— *D. H. Jelly and A. G. Matthews*, h.f. blackouts during solar cycle, **2351**
Collins, D. A., *with H. H. Wieder*, Kerr effect and polarization reversal in Rochelle salt, **1201**
Collins, H. D., *with others*, beam-plasma interaction in argon discharge, **3708**
Collins, R. J., *and J. J. Hopfield*, polarization of edge emission in CdS, **1195**
— *and others*, light emission from ruby, **657**
— *with D. F. Nelson*, spatial coherence of optical maser, **2553**
Collins, T. R. D., *with others*, interstitial channels for TD-2 system, **1028**
Collis, R. E., *with others*, transistorized magnetostrictive delay-line stores, **444**
Colombani, A., *and G. Goureaux*, action of electric field on Ni films, **637**
Compte, C. le. See le Compte, C.

Compton, V. B., *with others,* new superconducting compounds, **3470**; ferromagnetism in dilute solutions of Co in Pd, **3479**
Comsa, G., *L. Gelberg and B. Iosifescu,* temperature dependence of work function of metals (Mo, Ni), **3477**
Conda, A. M., *with J. R. Wait,* resonance excitation of corrugated cylinder antenna, **419**
Conger, R. L., nonlinear damping losses in YIG, **4237**
Consoli, T., *and M. Dagai,* rotary magnetic polarization in plasmas, **494**; measurement of electron density in plasma, **495**
— *and S. Lépeltier,* determination of electron density of plasma, **1961**, and simultaneous measurement of confining magnetic field, **1462**
Consortini, A., *and others,* gain limit and tolerances of big reflector antennae, **3013**
— *with others,* volume density of radio echoes from meteor trails, **3378**
Constans, H., *and D. Vallat,* stabilized supply unit for photomultipliers, **3154**
Constantine, G., Jr, load-sharing matrix switches, **442**
Conwell, E. M., disturbances of carrier concentration in high electric field, **2257**; galvanomagnetic effects in semiconductors at high electric fields, **3828**
— *and A. L. Brown,* scattering of hot carriers in Ge, **943**
Cook, B. D., *and E. A. Hiedemann,* diffraction of light by ultrasonic waves, **3988**
Cook, C. E., matched-filter analysis of f.m. pulse compression, **2229**
Cook, D. M., *with M. Aven,* electrical properties of ZnTe-CdS heterojunctions, **3052**
Cook, G. E., effect of oblate rotating atmosphere on satellite orbit, **3755**
— *and R. N. A. Plimmer,* effect of atmospheric rotation on near-earth satellite, **2950**
Cook, J. C., monocycle-pulse u.h.f. radar, **2231**
Cook, J. J., *and others,* radio detection of Saturn, **135**; low-noise X-band radiometer, **2364**
Cook, J. S., *with A. Yariv,* noise investigation of tunnel-diode microwave amplifiers, **2413**
Cook, R. L., *with W. R. Bratschun,* dielectric properties of solid solutions of Na niobate, **3008**
— *with V. J. Tennery,* rare-earth-doped $BaTiO_3$, **3811**
Cooke, H. F., transistor upper noise corner frequency, **2029**
Cooper, B. F. C., Y-type circulator for maser radiometer, **2460**
— *with J. V. Jelley,* ruby maser for 21-cm observations, **2521**
Cooper, D. C., *and J. W. R. Griffiths,* video integration in radar and sonar systems, **2990**
Cooper, H. G., e.s. c.r. tube for flying-spot store, **3210**
Cooper, L. N., superconductivity in neighbourhood of metallic contacts, **3475**
Cooper, R., *with R. F. Pearson,* magnetic anisotropy and rotational hysteresis in magnetite, **3872**
Cooperman, M., ferroelectric scanning of electroluminescent displays, **3118**
Coopersmith, M., *and R. Brout,* threshold concentration for ferromagnetism in dilute alloys, **2303**
Corbett, J. W., *and others,* defects in irradiated Si, **2672**
— *with G. D. Watkins,* defects in irradiated Si, **2671**
Corbey, M. M. G., *with C. Haas,* infrared reflection spectrum of SnS, **4199**
Corcuff, Y., parameter characterizing whistlers, **890**
Corenzwit, E., *with others,* magnetic moment of transition metal atoms in dilute solution, **1244**; new superconducting compounds, **3470**; ferromagnetism in Sc-In solid solutions, **3871**
Corke, R. L., *with D. E. Watt-Carter,* effect of external conditions on phase of radio signals, **4327**
Cornbleet, S., design for phase-corrected reflectors at microwave frequencies, **425**
Corr, F., multiple-burst detection, **3931**
Corregan, F. H., *with others,* construction of thermionic energy converter, **707**
Cosgrove, G. J., *J. P. McHugh and W. A. Tiller,* effect of freezing on thermoelectric properties of $BiSbTe_3$, **2702**
Costain, C. H., *and F. G. Smith,* radio telescope for 7·9 m λ, **2177**
— *with J. E. Baldwin,* radio spectrum of Andromeda nebula, **2178**
Costas, J. P., traffic efficiencies in congested bands, (D) **692**
Coste, J., *and L. Dagens,* statistical equilibrium of electron space charge in magnetron, **2038**
Cote, A. J., Jr, neuristor prototype, **4044**
Cottony, H. V., *and A. C. Wilson,* high-resolution rapid-scan antenna, **1735**
Couch, R. W., *A. F. Rashid and R. Spence,* potential microwave computer element, **3651**
Coumes, A., ferromagnetic resonance, and theory of phases, **978**, study of magnetization in Si-Fe by, **3076**
Covington, A. E., *and G. A. Harvey,* solar noise burst 20th November 1960, **1496**; solar flares and 10·7-cm noise bursts, **4087**
— *G. A. Harvey and L. R. McNarry,* solar noise burst 12th November 1960, **4084**
Cox, C. D., bulk photoeffects in semiconductors, **1900**
Craik, D. J., *and E. D. Isaac,* magnetic interaction domains, **258**
Crain, C. M., ionization loss rates below 90 km, **2588**
— *and P. Tamarkin,* sudden ionization anomalies remote from high-altitude nuclear bursts, **1513**
Crangle, J., *and D. Parsons,* magnetization of ferromagnetic binary alloys, **631**
Crawford, A. B., *D. C. Hogg and L. E. Hunt,* project Echo horn-reflector antenna, **3646**
Crawford, A. E., piezoelectric ceramic transformers and filters, **2494**
Crawford, F. W., e.s. sound-wave modes in plasma, **3329**
Crepeau, P. J., *and I. Itzkan,* interaction circuit for travelling-wave tubes, **1691**
Crompton, J. W., design of microwave lenses fed by nonresonant slot arrays, **431**
Cron, B. F., *and W. R. Schumacher,* underwater sound reverberation, **3987**
Crosby, D. R., *with H. R. Kaupp,* waveforms for tunnel-diode locked pair, **1096**
— *with others,* computer subsystem using subharmonic oscillators, **1092**
Cross, L. G., *with others,* radio detection of Saturn, **135**; low-noise X-band radiometer, **2364**
Crouchley, J., study of whistling atmospherics, **3412**
— *and R. J. Finn,* study of whistling atmospherics, **3413**
Crowther, T. S., *with others,* magnetic film memory design, **1087**
Crump, B., *with D. Shaw,* thermal and optical behaviour of phototransistors, **1354**
Csáki, F., complex-plane charts for closed-loop frequency responses, **3542**
Csavinszky, P., impurity conduction and magnetoresistivity in Ge, **612**
Cuevas, M., *with H. Fritzsche,* impurity conduction in transmutation-doped Ge, **243**
Cuff, K. F., *with others,* oscillatory magnetoresistance in PbTe, **1932**
Cuffin, M. H., aerial calibration by solar noise, **781**
Cullen, A. L., propagation of microwaves through magneto-plasma, **127**
Culligan, G., *and N. H. Lipman,* fast transistorized time-to-pulse-height converter, **795**
Culshaw, W., Fabry-Perot interferometer, **307**
Cummack, C. H., extensions of Chapman theory of layer formation, **3392**
Cummins, H. Z., *with I. D. Abella,* thermal tuning of ruby optical maser, **3354**
Cunliffe, A., *with R. Dingeldey,* propagation of e.m. waves along helix, **3207**
Cunnell, F. A., *and C. H. Gooch,* diffusion of Cd into GaAs, **960**
Cunningham, J. R., Jr, *with E. E. Anderson,* high-permeability garnets, **272**
Curie, C., *and B. Cazeneuve,* sinusoidal-voltage scanning of camera tubes, **346**
Currie, D. R., *and K. S. Kreielsheimer,* double field mill for atmospheric potential gradient measurement, **672**
Currie, M. R., *and R. W. Gould,* coupled-cavity travelling-wave parametric amplifiers, **806**
Curtis, H. E., *T. R. D. Collins and B. C. Jamison,* interstitial channels for TD-2 system, **1028**
Curtis, W. L., spiral antennas, **1070**
Cutler, C. C., radio communication by satellites, **4300**
Cutler, M., thermoelectric behaviour of *p-n* junctions, **1902**
Cutteridge, O. P. D., 2-terminal *RC* networks and related topics, **449**; further theory of continued fraction, **661**
Cuttriss, D. B., surface concentration and conductivity in diffused layers in Ge, **2281**
Czaja, W., *with E. Baldinger,* energy expended in *p-n* junction detectors, **3123**
— *with others, p-n* junctions as solid-state ionization chambers, **2753**

Dabbs, J. W. T., *with others,* Ge surface-barrier counters, **315**
Dachert, F., theory of diode parametric amplification, **92**
Dagai, M., *with T. Consoli,* rotary magnetic polarization in plasmas, **494**; measurement of electron density in plasma, **495**
Dagens, L., *with J. Coste,* statistical equilibrium of electron space charge in magnetron, **2038**
Daglish, H. N., electron emission from MgO, **1355**
Dagpunar, S. S., *E. G. Meerburg and A. Stecher,* microphony in electron tubes, **2820**
Dahlke, W., *and H. Rieck,* noise temperature of cascade-connected amplifiers, **3306**
Dale, B., *and I. P. Smith,* spectral response of solar cells, **3941**
Dalgarno, A., charged particles in upper atmosphere, **3764**
Dammig, P., microphone arrangement of high directivity, **1717**
Damon, E. K., digital instrumentation of antenna measurements, **39**
Dandl, R. A., *with F. T. May,* active filter element and application to Fourier comb, **2881**
Danforth, W. E., *and D. L. Goldwater,* density of Th monolayer for maximum emission, **627**
— *and A. J. Williams, III,* thermionic properties of ZrC and UC, **3478**
Daniels, F. B., theory of radar reflection from moon and planets, **3372**
Danielson, G. C., *with Y. Nishina,* microwave measurement of Hall mobility, **4250**
Darré, A., transistor as passive circuit element, **362**
Darrington, P. R., digital measurements, **2732**
Das, J., bandwidth compression of speech, **3225**
Dasgupta, P., *with others,* drift in ionosphere over Delhi, **870**
Dash, W. C., Au-induced climb of dislocations in Si, **1217**
Date, M., magneto-plasma resonance in semiconductors, **931**
Datta, S., F region, **873**
Dauenbaugh, C. E., *with others,* surface states on cleaved Si, **1910**
D'Auria, G., *and F. Todero,* linear short and thin aerials with variation in current distribution, **3252**
Davey, J. E., textural properties of Ge films, **3047**
David, E. E., Jr, *with others,* monaural temporal masking, **1060**
Davidson, W., cosmological significance of angular measurements of distant radio sources, **1824**
Davie, W. A. J., high-speed printers, **51** *d*
Davies, D. D., *with others,* ferromagnetism in dilute solutions of Co in Pd, **3479**
Davies, D. E. N., electronically scanned radar receiving system, **2614**
Davies, J. B., nonreciprocal resonant isolators, **2088**
Davies, J. G., *and J. C. Hill,* radio echo measurements of meteor orbits, **1151**
Davies, K., *and G. A. M. King,* validity of approximations to Appleton-Hartree formula, **4277**
— *with R. W. Knecht,* solar-flare effects in F region, **2969**
— *with others,* Atlas of Oblique-Incidence Ionograms, (B) **1861**
Davies, L. W., *and A. R. Storm, Jr,* recombination radiation from Si, **2268**
Davies, R. D., *with others,* curious feature of radio sky, **1490**
Davies, R. E., *with P. Knight,* horizontal radiation patterns of dipoles, **2471**
Davis, D. D., *with others,* properties of magnetic superconductors, **634**
Davis, J. W., *with M. E. Brodwin,* effect of magnetic fields on reflex-klystron characteristics, **3201**
Davis, L., Jr, *with others,* Y-junction strip-line circulator, **404**; interplanetary magnetic storm: Pioneer V, **3752**
Davis, L. R., *and others,* rocket observations of solar protons, **2943**
Davis, T. L., *with others,* Ephi system for v.l.f. d.f., **2609**
Davis, W. D., *with others,* improved electron multiplier, **4269**
Daw, A. N., *with S. Deb,* l.f. noise figure of junction transistor, **1676**
Day, D. B., parametric diodes, **2410**
Day, H. M., *and A. C. MacPherson,* high-level microwave detector using avalanche injection, **3959**
Day, J. W. B., *with others,* band-pass measurements of lunar reflection circuit, **2006**
Day, T. B., radiation from fast particles moving in magnetic materials, **3338**
Day, W. R., Jr, f.m. of reflex klystron, **4362**
Dayem, A., upper sidebands in travelling-wave parametric amplifiers, **1775**
Deam, A. P., *with others,* temperature compensation of coaxial cavities, **63**
Dean, C., recording r.f. spectrometer, **517**
de Andrés, M. P., *with W. Jellinghaus,* Hall effect in Fe-Co series, **3481**; influence of neighbour elements of Fe on Hall effect, **3482**; Hall effect in mixed-crystal series of Fe, **4211**
Dearnaley, G., *L. C. Lawrence and H. C. Tresise,* binary-to-decimal converter, **49**
Deb, S., *and A. N. Daw,* l.f. noise figure of junction transistor, **1676**
— *and J. K. Sen,* transistorized electronic analogue multiplier, **2481**
Debart, H., zeros of stationary random signal, **1998**
Debel, A., *and L. Hechler,* impedance of carbon-film resistor, **1739**
Debiasi, G. B., transistor power amplifier, **3689**
De Castro, E., stability of relaxation oscillations, **1440**
de Graaf, A. M., *with W. Baltensperger,* interactions between magnetic moments in semiconductors, **3016**
DeGrasse, R. W., *J. J. Kostelnick and H. E. D. Scovil,* project Echo dual-channel travelling-wave maser, **3695**
De Greve, L., *with R. Vrambout,* magnetic anisotropy in evaporated iron films, **3077**
Degtyarev, I. F., *with others,* magnetization processes in ferromagnetics, **1580**
De Hoog, F. J., *with others,* photoconductive decay time of films of lead salts, **1879**
de Hoop, A. T., *and H. J. Frankena,* radiation of pulses from vertical dipole, **1073**
Debors, R., *and G. Seguier,* voltage waveform analyser, **3112**
Deixler, A., *and E. Rusch,* lifetime data of thermionic valves, **374**
de Jager, C., *with J. E. Blamont,* upper-atmosphere turbulence near 100 km, **3774**
de Jager, J. T., *and B. J. Robinson,* sensitivity of degenerate parametric amplifier, **3304**
Dekker, A. J., *with R. W. Soshea,* secondary emission vs angle of incidence of primary beam on Ti, **2703**
De Lange, O. E., project Echo satellite-tracking radar, **3799**
Delavignette, P., *and S. Amelinckx,* dislocation nets in Bi_2Te_3 and Sb_2Te_3, **624**
Dell, R. A., *D. S. Hobbs and M. S. Richards,* automatic particle counter and sizer, **1967**
Della Porta, P., *and S. Origlio,* quantity of Ba evaporated from getters, **2233**
Della Torre, E., *with J. G. Woodward,* particle interaction in magnetic recording tapes, **1590**
Delloue, J., magnetic flash of nuclear test at Reggane, **1523**; direction of arrival and polarization of whistlers, **2607**
Delosh, R. G., *with others,* microwave propagation through magnetoplasma, **2339**
De Lotto, I., transistor precision pulse shaper, **4043**
de Lussanet de la Sablonière, C. J., i.g.o. techniques, **1756**
de Mendonca, F., *O. G. Villard, Jr, and O. K. Garriott,* characteristics of signal from 1958 δ2, **864**
Denda, S., micro-masking for chemical etching of semiconductors, **3017**
Denholm, J. V., auroral observations inside southern auroral zone, **3780**
— *and F. R. Bond,* orientation of polar auroras, **3406**
Denton, D. H., Jr, *with others,* electrically short antenna as probe for ionized region, **4134**
De Prins, J., *with others,* Cs frequency standards, **3095**
Derick, L., *with C. J. Frosch,* preparation and processing of GaP, **3851**
Dermit, G., h.f. power in tunnel diodes, **3182**

— *with others*, Ge films on Ge by thermal evaporation, **3459**
de Ronde, F. C., *H. J. G. Meyer and O. W. Memelink*, *p-i-n* modulator, **485**
— *with others*, waveguides for 2-mm microwaves, **2841**
Derr, V. E., *and others*, microwave emission from optically pumped atomic system, **516**
Deryugin, I. A., *and M. A. Sigal*, dispersion of artificial dielectrics at 500–35 000 Mc/s, **3806**
Deschamps, G. A., *with others*, backward-wave radiation from periodic structures, **2470**
Deschamps, R., Ge transistors by double diffusion, **2033, 2034**; tunnel-effect diodes, **3564**
Deshpande, L. V., *and V. G. Bhide*, dielectric properties of SnO_2, **3807**
Desirant, M., *and J. L. Michiels*, Electromagnetic Wave Propagation, **(B)1997**
Dessler, A. J., observations of Van Allen radiation regions, **(D)530**
— *and R. Karplus*, diamagnetic ring currents, **4090**
— *W. E. Francis and E. N. Parker*, geomagnetic-storm sudden-commencement rise times, **162**
— *with J. B. Cladis*, X-rays from Van Allen belt electrons, **1826**
Desvignes, F., *with C. Grandjean*, coefficient of photoelasticity of Ge, **610**
Deubner, A., *and F. Schulz*, conductivity change of Cu_2O films, **251**
Deutsch, J., *and H. G. Maier*, gyromagnetic resonance of ferrites and garnets, **4235**
— *and M. Offner*, magnetically variable coaxial attenuator, **2838**
— *and P. Thust*, wide-band absorbers for e.m. waves, **121**
DeVault, G. P., *with W. J. Byatt*, iteration-variation method for wave propagation problems, **3520**
de Visme, G., transistor parameters, **2806**
Devlin, G. E., *with A. L. Schawlow*, optical maser action in ruby satellite lines, **1811**
Devor, D. P., *with others*, paramagnetic resonance of Cr^{3+} in Y_2O_3, **3497**
Devyatkova, E. D., *and I. A. Smirnov*, thermal conductivity of Ge with different carrier concentrations, **2678**
Dewhirst, D. W., *with others*, radio source Hercules-A, **3741**
de Wijn, H. W., harmonic generator and detector for mm-λ region, **1108**
DeWolf, N., binistor, **1350**
D'Haenens, I. J., *with others*, stimulated optical emission of fluorescent solids, **4077**
Dhanalakshmi, C., *and S. K. Chatterjee*, microwave transmission through metal disk delay dielectrics, **429**
— *with S. K. Chatterjee*, metal-disk delay dielectrics, **1199**
Dheer, P. N., surface impedance of normal and superconducting In, **3065**
Dhuicq, D., optical system of four quadrupolar e.s. lenses, **4268**
Diamond, H., variation of permittivity with electric field in perovskite-like ferroelectrics, **3009**
Diamond, J., *with I. Gerst*, elimination of inter-symbol interference, **3532**
Dick, M., anode-modulated telephony transmitters, **2020**
Dickinson, P. H. G., *and J. Sayers*, ion charge exchange reactions, **113**
Didenko, A. A., *Yu. A. Nemilov and V. I. Fomina*, induced conductivity in ZnS layers, **2995**
Diebold, E. J., *and W. Luft*, thermal impedance of semiconductors, **2384**
Diemer, G., ohmic metal/semiconductor contact, **2652**
— *and J. G. van Santen*, power amplifiers based on electro-optical effect, **1113**
Diestel, H. G., microphones in diffuse sound field, response of, **1397**, reciprocity calibration of, **2836**
— *and H. Mrass*, pressure transmission factor of microphones, **1398**
Dietrich, A. F., 8- and 11-Gc/s nsec carrier pulses by harmonic generation, **2507**
Dietrich, E., transhorizon link in German long-distance communications network, **3538**
Dietrich, H., magnetic properties of sintered Fe, **3869**
Dietrich, W., *and W. E. Proebster*, magnetization reversal in thin films, **639**
Dietz, R. E., *with R. Pappalardo*, absorption spectra of transition ions in CdS, **4162**
Dietz, U., *H. Hopf and N. Mayer*, television reception in band IV, **708**
DiFranco, J. V., *and W. L. Rubin*, 'paired echo theory' for distortion in pulsed systems, **4158**
Dijkerman, H. A., *C. Huiszoon and A. Dymanus*, power stabilizer for f.m. microwave oscillators, **671**
Dijkum, A. M. van. See van Dijkum, A. M.
Dill, H. G., ways to trigger avalanche pulse circuits, **2887**
Dillenburger, W., magnetic-tape recording equipment for television signals, **1655**
Dillon, J. F., Jr, magnetostatic modes in disks and rods, **276**
— *and J. W. Nielsen*, ferrimagnetic resonance in doped Y-Fe garnet, **989**
Dilworth, C., *with others*, instrument for investigation of interplanetary plasma, **521**
Dingeldey, R., *and A. Cunliffe*, propagation of e.m. waves along helix, **3207**
Dinter, K., radar picture transmission : frequency-band compression, **1864***c*
Dishal, M., Gaussian-response filter design, **2118**
Ditchfield, C. R., system requirements for low-noise performance, **3936**
Dixon, J. M., temporal variation of m.f. ground-wave field strength, **3530**
Dnestrovskii, Yu. N., *and D. P. Kostomarov*, e.m. radiation from charged particles near waveguide with infinite flange, **3982**
Dobesch, H., television standards, **2386**
— *and H. Sulanke*, tilt rise time and overshoot **467**; moments in time and frequency functions, **2324**
— *with H. Sulanke*, overshoot and group delay, **2514**
Dobrott, D., *and A. Ishimaru*, E–W effect on v.l.f. mode transmission, **1992**
Dobrowolski, T., *and J. Walker*, time analyser, **662**
Dodo, T., microwave attenuation by cyclotron resonance, **2537**; electron synchrotron resonance in plasma, **2538**
Doehler, O., *with G. Boucher*, rectification effect in gaseous discharges in crossed fields, **2909**
— *with P. Guénard*, crossed-field tubes, **3590**
Does de Bye, J. A. W. van. See van Does de Bye, J. A. W.
Doetsch, G., matrix of recurrent network of quadripoles, **2115**
Doherty, R. H., *with others*, investigation of sferic activity, **2226**
Dolique, J. M., investigation of plasma column in e.m. field, **496**
— *and M. Y. Bernard*, investigation of plasma column, **822**
Dolon, P. J., *and W. F. Niklas*, electron transmission of mesh lenses for scan magnification, **1324**
Dolukhanov, M., artificial earth satellites for communications on u.s.w., **3147**
Dolukhanov, M. P., evaluation of radio signals reflected from moon, **2187**
Dome, R. B., stereophonic system for television broadcasting, **1322**
Donahue, T. M., polar blackouts, **1517**
— *with others*, temperature of upper atmosphere to 150 km, **2577**
Donaldson, A. R., *I. P. French and D. Midgley*, paraboloidal reflectors with axial excitation, **426**
Donovan, B., impurity scattering in optical absorption in semiconductors, **607**
— *and J. Webster*, Faraday effect in nondegenerate semiconductors, **3826**
Döring, W., *and G. Simon*, direction dependence of magnetostriction, **840**
— *and H. Vial*, ferromagnetic resonance in metals, **265**
Doronkin, E. F., analysis of semiconductor multivibrator, **794**
Dörr, W., frigistors, **4272**
Dote, T., *with others*, ion density measurements by sounding rocket, **1850**
Douce, J. L., *and R. E. King*, improvement of torque-limited control systems with random inputs, **702**
— *and B. G. Leary*, random-pulse generator, **4048**
Doucet, H., cold electron emission due to field effect, **491**
Dougherty, J. P., statistical theory of ionospheric drifts, **174**; influence of neutral air on diffusion equation of F region, **1847**
— *and D. T. Farley*, theory of incoherent scattering by plasma, **2345**
Doughty, D. J., waveguide components, **2078**
Douglass, R. L., spin-wave spectrum of Y-Fe garnet, **1588**
Douthett, D., *and S. A. Freidberg*, magnetic-field effects on heat conduction in ferrimagnetic crystals, **2716**
Doviak, R. J., *D. J. Lewis and P. P. Lombardini*, TM modes in parallelogrammic waveguides, **3241**
Dow, D. G., effect of fluctuations in density on Esaki effect, **2401**
Dow, W. G., *with M. H. Miller*, anomalous electron-stream behaviour, **1786**
Dowden, R. L., electron density distribution along line of force in exosphere, **1855**; simultaneous observations of v.l.f. noise, **2986**
Doyle, P. H., *with J. Neufeld*, e.m. interaction of beam of charged particles with plasma, **2154**
Drăgănescu, M., Matz theory of junction transistor, **367**
Dragt, A. J., effect of hydromagnetic waves on lifetime of Van Allen radiation protons, **3369**
Dreesen, J. A., *and E. M. Pugh*, Hall effect and resistivity of Ni-Pd alloys, **1253**
Dreikorn, M., *and F. Stockinger*, multiple products of matrices, **660**
Dreitlein, J., *and H. Kessemeier*, resonance absorption of energy by rotating solid, **4073**
Dresselhaus, G., *and M. S. Dresselhaus*, r.f. Hall effect in superconductor, **1577**
Dresselhaus, M. S., *with G. Dresselhaus*, r.f. Hall effect in superconductor, **1577**
Dropkin, J. J., *with F. G. Ullman*, infrared enhancement and quenching of photoconduction in ZnS-Cu, **3422**
Drougard, M. E., *with H. Schlosser*, surface layers on $BaTiO_3$ crystals above Curie point, **3810**
Druey, W., *and H. Rickenbach*, application of parametric amplifiers to radio telescopes, **1776**
Dubrovskii, G. B., quantum efficiency of CdTe *p-n* junctions in ultraviolet, **2624**
— *and V. K. Subashiev*, determination of recombination constants from spectral characteristics of *p-n* junction photocell, **2993**
du Castel, F., transhorizon tropospheric propagation, **3124**
— *with others*, propagation in heterogeneous medium, **3129**
Dudkin, L. D., *with B. N. Zobnina*, thermoelectric properties of $CoSb_3$ with impurities, **2300**
Dueno, B., ionospheric drift from radio-star observations, **4120**
Duffus, H. J., connexion between P_e and F region, **559**
Dugdale, J. S., resistivity at low temperatures, **4174**
Duggal, S. P., *with M. A. Pomerantz*, unusual increase in cosmic-ray intensity, **4093**
— *with others*, solar-produced cosmic rays near poles, **1825**
Duijvestijn, A. J. W., *and B. P. A. Boonstra*, evaluation of functions in study of domain configuration in $BaFe_{12}O_{19}$, **1258**
Duinker, S., ferrite transducer heads, **1314**
Dummer, G. W. A., advances in microminiaturization and cooling techniques, **2865**
Duncan, R. A., cause of magnetic storms and bays, **859**; geomagnetic micropulsations, **3748**
Duncan, R. H., *and F. A. Hinchey*, cylindrical antenna theory, **34**
Dungey, J. W., interplanetary magnetic field and auroral zones, **1500**; steady state of Chapman-Ferraro problem, **2572**
Düniss, E., *and K. E. Müller*, reflection of plane reflectors in dm range, **46**
Dunn, D. A., *and R. E. Holaday*, electron trajectories in nonuniform magnetic field, **4079**
Dunne, T. G., *and N. R. Stemple*, ferroelectric properties of $BaLi_{12}Al_{2-2x}F_{42}O_{4-4x}$, **1546**
Dunstan, W., variation of photovoltaic response with magnetic field for Ge *p-n* junction, **1677**
Duraffourg, G., *with E. Batifol*, diffusion coefficient of As in Ge from thermoelectric voltage, **3842**
Durand, J., *O. Kluber and H. Wulff*, equipment for generating strong magnetic fields, **2544**
Durney, A. C., *with others*, cosmic-ray measurements in Scout I, **4112**
Dutt, T. L., *with others*, forces on plasma in cavity resonator, **105**
Dwarkin, M. L., *with M. H. Cohen*, perpendicular intersections with dipole field, **1985**
Dwight, K., *and N. Menyuk*, magnetic properties of Mn_3O_4, **646**
D'yakonov, B. P., diffraction of e.m. waves by cylinder, **122**
Dyce, R. B., Faraday rotation observation of electron content of exosphere, **189**
— *with others*, radar echoes from 1957α and *B*, **1163**; 106-1-Mc/s auroral echoes following solar event, **2604**
Dyett, M. J., *with others*, diffusion process for In in *n*-type Ge, **947**
Dyke, E., troposcatter communications for intercontinental TV transmission, **1654**
Dymanus, A., *and A. Bouwknegt*, gain and noise ratio of 1N26 crystal rectifiers, **2800**
— *with others*, power stabilizer for f.m. microwave oscillators, **671**

Eagle, B. A., unconventional methods of generating electrical power, **1642**
Eagles, D. M., optical absorption and recombination radiation in semiconductors, **1206**; phonon-assisted Auger effect in semiconductors, **4176**
Eaglesfield, C. C., balun, solution by tapered potential, **2077**
— *Y. Klinger and L. Solymar*, H_{10}-to-H_{20} mode transducer, **412**
Early, J. M., *p-n-p* variable-capacitance-diode theory, **724**
— *with others*, transistor internal parameters, **2415**
Easley, J. W., *and R. R. Blair*, fast neutron bombardment of Esaki diodes, **723**
East, L. V., *and W. E. Parker*, logarithmic d.c. amplifier, **798**
Eastman, G. Y., *with others*, construction of thermionic energy converter, **707**
Easton, W. B., *with R. Glang*, donor concentration of diffused *n*-type layer on *p*-type Ge, **1920**
Eastwood, E., aerial investigations using natural noise sources, **897**
— *and G. C. Kider*, radar observation of sea-breeze front, **1870**
— *G. A. Isted and J. D. Bell*, radar echoes from aurora at 1 300 Mc/s, **1176**
Eaton, J. E., minimal positive polynomials, **285**
Ebermann, R., multiplexing of radio-link systems, **1309**
Ebhardt, R., *E. Hofmeister and E. Groschwitz*, influence of surface currents on point-contact rectifiers, **3561**
— *with others*, surface currents in inversion layers on semiconductors, **2799**; extensive current paths in space-charge regions in semiconductor, **3180**
Eckart, F., *and G. Jungk*, Hall effect and conductivity of Ge films, **2283, 3458**
— *with M. Asche*, influence of H_2 atmosphere on photoconduction of CdS, **2239**
— *with W. Ludwig*, dielectric relaxation in Se, **4179**
Edagawa, H., *and others*, slow decay in field effect on Ge p^+-*n* junction, **3847**
— *with others*, 1/*f* noise in Ge *p-n* junction, **2699**
Eddy, D.S., *with others*, photojunctions formed by diffusing Cu into insulating CdS crystals, **3803**
Edelberg, S., *and A. A. Oliner*, mutual coupling effects in large antenna arrays, **1079**
Edelman, S., *with others*, optical calibration of vibration pickups, **3603**
Eden, H., *and K. H. Kaltheitzer*, minimum distances between television transmitters, **348**
— *H. W. Fastert and K. H. Kaltheitzer*, television network planning, **1330**, for bands IV and V, **717**
Edgerton, H. E., *with P. A. Miles*, efficient ruby laser pump, **2854**
Edison, A. R., *R. K. Moore and B. D. Warner*, radar terrain return, **1180**
Edmonds, P. D., loss factors of cylindrical and spherical resonators, **3218**
Edmondson, D. E., *with J. R. Macdonald*, exact solution of time-varying capacitance problem, **1432**
Edson, W. A., tapered distributed *RC* lines for phase-shift oscillators, **2840**
Edwards, D. B. G., *M. J. Lanigan and T. Kilburn*, ferrite-core memory systems with rapid cycle times, **440**
— *with others*, arithmetic unit using saturated-transistor fast-carry circuit, **434**
Edwards, D. F., *and V. J. Lazazzera*, exciton and magneto-optical effects in Ge, **945**
Edwards, H. H., *with M. D. Sherrill*, superconducting tunnelling on bulk Nb, **3066**
Effertz, F. H., *and W. Meuffels*, impedance functions of two-pole networks, **2489**

Egan, R. D., *and A. M. Peterson,* auroral noise at h.f., **892**
Egeland, A., *with others,* a.f. e.m. radiation in auroral zone, **204**
Egerton, L., *with L. G. Van Uitert,* Bi titanate ferroelectric, **3010**
Egger, A., through-switching methods in radio links, **1307**; h.f. measurements, **2437** *e*
Eggimann, W., diffraction of plane e.m. wave, **4071**
Egidi, C., artificial aerials for receiver measurements, **1276**
Egorov, A. M., *with others,* reflection of e.m. waves from moving plasma, **1132**
Ehmert, A., *and others,* solar flare radiation and modulation effects, **145**
Ehrenreich, H., band structure and electron transport of GaAs, **1573**
Eichbaum, B. R., effect of B on Cd-Mn ferrites, **3081**
Eichenbaum, A. L., *and K. G. Herngvist,* space-charge instabilities in synthesized plasmas, **1460**
Eichin, W., *and H. Heynisch,* electrically tunable microwave oscillator, **3203**
Eiermann, B., equipment for automatic operation of Bisamberg transmitter, **1664** *t*
Einarsson, G., harmonic generator driven by the sum of two sine waves, **4047**
Eisen, F. H., recovery of electron radiation damage in InSb, **4197**
Eisenmenger, W., *with E. Meyer,* demonstration of parametric amplification, **1110**
Ekiss, J. A., *and J. W. Halligan,* average- and spot-noise figure in transistor amplifiers, **3300**
Elbaum, C., dislocations formed by collapse of vacancy discs, **658**
Elbinger, G., *and U. Rösler,* growth orientation of ferrite single crystals, **3492**
— *with U. Rösler,* growth orientation in ferrite single crystals, **2725**
Elco, R. A., *and J. Nee,* reactance tube as parametric frequency divider and amplifier, **1779**
— *with A. G. Jordan,* Esaki diodes as superregenerative detectors, **726**
Elena, A., *with M. Bossolasco,* lunar semidiurnal variation of D and F_2 layers, **866**; anomalous ionospheric absorption, **2592**
Elgaroy, O., *and Ø. Hauge,* features of storm bursts at 200 Mc/s, **1495**
Eliseevnin, V. A., *with M. M. Brekhovskikh,* propagation in inhomogeneous waveguide, **3339**
Ellett, M. R., *with others,* oscillatory magnetoresistance in PbTe, **1932**
Elling, W., reflection heights of ionosphere above Tsumeb, **4116**
Elliott, H., cosmic-ray intensity and interplanetary magnetic field, **147**
— *and others,* cosmic-ray measurements in Scout I, **4112**
Elliott, R. J., properties of Heisenberg magnets, **1467**
— *and R. Loudon,* absorption edge in semiconductors in magnetic field, **933**
— *and others,* critical concentrations in Ising and Heisenberg models, **498**
Ellis, G. R. A., l.f. radiation from upper atmosphere, **1521**; geomagnetic micropulsations, **1832**
Ellyett, C., *with C. S. L. Keay,* latitude dependence of radar meteor-shower observations, **4095**
Elsmore, B., *with P. R. R. Leslie,* radio emission from the Perseus cluster, **2935**
Elsner, R., *and K. H. Steiner,* single and periodic transient processes, **68**
— *L. Pungs and K. H. Steiner,* parametric amplifiers, **475**
Emden, K., dynamic plate-load amplifier, **3296**
Emeleus, K. G., *with A. Garscadden,* exploration of oscillating beam-plasma fields, **1457**
Emel'yanenko, O. V., *and F. P. Kesamanly,* rapid measurement of thermal e.m.f. of semiconductors, **3101**
— *T. S. Lagunova and D. N. Nasledov,* scattering in current carriers in GaAs, **1926**
— *N. V. Zotova and D. N. Nasledov,* magneto-thermal effects in InAs, **2291**
Emmrich, G., flying-spot colour scanners, **2390**
Enander, B., microwave propagation in plasma-filled coaxial line, **776**
Enderby, C., *with P. D. Coleman,* Cherenkov coupler for production of mm and sub-mm waves, **119**
Endo, I., *and K. Kusunoki,* magnetic gate circuits controlled by h.f. signals, **2509**
Endsley, D. L., *W. W. Grannemann and T. Summers,* low-level linear rundown circuit for pulse height to pulse width conversion, **3678**
Enemark, D. C., *and K. A. Anderson,* cosmic rays near north magnetic pole, **143**
Engel, W., *F. Kuhrt and H. J. Lippmann,* contactless signalling, **1615**
Engeler, W., *H. Levinstein and C. Stannard, Jr,* oscillatory photoconductivity in InSb, **3856**
Engen, G. F., bolometer mount efficiency measurement, **4261**
Engler, H. D., β-particle counting by Ge and Si diodes, **314**
Entzian, G., *with L. Klinker,* occurrence of whistlers, **2224**
Epprecht, G. W., graphical symbols for microwave valves, **1680**
Erbe, H., *with others,* solar flare radiation and modulation effects, **145**
Ericksen, B. K., *and J. D. Schmidt,* random-pulse generator tests circuits, encodes messages, **3283**
Erickson, W. C., observations of 26·3-Mc/s solar radio noise, **3364**
Ermakova, L. A., *with V. A. Koptsik,* electric and elastic parameters of cancrinite, **2647**
Ern, V., *and R. E. Newnham,* effect of WO_3 on $BaTiO_3$, **3812**
Ernyei, H. H., synchronization of f.m. oscillators, **792**
Es, C. W. van. See van Es, C. W.
Eschenbrenner, S., *and others,* magnetic and telluric effects of Argus experiment, **2571**
Eshleman, V. R., *P. B. Gallagher and R. C. Barthle,* radar methods of measuring cislunar electron density, **536**
Essen, L., *E. G. Hope and D. Sutcliffe,* hyperfine splitting of Rb-87, **1268**
Essmann, A., reduction of channel width for mobile radio services, **2779**
Ettinger, G. M., applications of avalanche devices, **4045**
Evans, D. M., *with J. A. Lane,* transverse-film bolometers in rectangular waveguides, **1275**
Evans, J. A., *with J. C. Woolley,* temperature variation of optical energy gap in GaSb-InSb alloys, **4193**
— *with others,* properties of InSb-In_2Te_3 alloys, **1242**; properties of GaAs-InAs alloys, **1927**; properties of InAs-In_2Te_3 alloys, **3462**
Evans, J. F. O., *D. A. Gill and B. R. Moffitt,* symmetrical transistors as a.c. or d.c. switches, **2108**
Evans, S., systematic movements of aurorae at Halley Bay, **568**
Everden, W. A., high-stability ferrite pot cores, **2869**
Evtuhov, V., *with others,* stimulated optical emission of fluorescent solids, **4077**
Ewald, A. W., *with O. N. Tufte,* magnetoresistance of oriented gray tin single crystals, **3858**
Eyre, G., *with D. W. Ford,* design of v.h.f. f.m. radio telephone, **2776**

Fagot, M., *and C. Fert,* defocusing contrast in electron microscopy, **312**
Fahl, C. *with others,* coupling mechanisms in plasma, **3330**
Fainberg, Ya. B., *and V. I. Kurilko,* e.m. pressure on charge moving in magnetic field, **130**
— *with others,* reflection of e.m. waves from moving plasma, **1132**; interaction of electron beam with plasma, **1792**
Falge, R. L., Jr, *with R. A. Hein,* differential paramagnetic effect in superconductors, **3864**
Falter, M., standardization of semiconductor components, **4328**
Fan, C. Y., *P. Meyer and J. A. Simpson,* cosmic-radiation intensity, rapid reduction of, **141**, 11-year changes of, **150**
— *with others,* outer-belt electrons and neutron decay hypothesis, **4092**
Fan, H. Y., *with P. Fisher,* absorption spectra and Zeeman effect of Cu and Zn in Ge, **614**
— *with R. A. Laff,* carrier lifetime in InSb, **1930**
— *with R. K. Ray,* impurity conduction in Si, **2269**
Fane, R. W., properties of sintered Ni matrix cathodes, **1361**
Fang, P. H., electrical conductivity of polar semiconductors, **2654**; complex conductivity of plasmas and semiconductors, **2911**
Fannin, B. M., *with P. F. Lawe,* radiation from current filament above homogeneous earth, **2575**
Faralier, J., *with R. Musson-Genon,* electrically tuned klystron, **3589**
Farley, D. T., *with J. P. Dougherty,* theory of incoherent scattering by plasma, **2345**
Farley, T. A., *and A. Rosen,* variations in outer Van Allen zone during geomagnetic storm, **534**
— *with A. Rosen,* characteristics of Van Allen zones measured by Explorer VI, **3745**
Farnsworth, H. E., *with Y. Margoninski,* influence of wet and dry ambients on fast surface states in Ge, **3841**
Farnsworth, R., *with others,* fast numeral reading machine, **4266**
Faroogi, A. Z., *with others, p-n* junctions as solid-state ionization chambers, **2753**
Fasold, W., *with others,* large anechoic chamber, **393**
Fassbender, G., lifetime and 'spread' of transistors, **4340**
Fastert, H. W., mathematical principles for transmitter network planning, **1310**
— *with others,* television network planning, **1330**, for bands IV and V, **717**
Fatuzzo, E., switching properties of tetramethylammonium-trichloromercurate, **920**; reversal of spontaneous polarization in guanidine Al sulphate, **1889**; effect of irradiation on triglycine sulphate, **2631**; increase in dielectric constant during switching, **4170**
Faughnan, B. W., *and M. W. P. Strandberg,* role of phonons in paramagnetic relaxation, **3352**
Faust, J. W., Jr, *with others,* structural study of $AgSbTe_2$, **955**
Fay, J. G., *with R. J. Metz,* magnetics in Doppler signal data extraction, **3265**
Fedorov, G. V., *with N. V. Volkenshtein,* temperature dependence of Hall effect in pure ferromagnetics, **1255**
Fedorova, G. A., *with V. M. Lyubin,* h.v. photo-e.m.f. in semiconductor layers, **901**
Fedorus, G. A., *with E. A. Sal'kov,* lux/ampere characteristics of CdS, **2997**
— *with others,* thermally induced conductivity in CdS, **1192**
Feher, G., *J. C. Hensel and E. A. Gere,* paramagnetic resonance absorption from acceptors in Si, **606**
— *with J. C. Hensel,* valence-band parameters in Si from cyclotron resonances, **605**
Feik, K., *and G. Kaszynski,* noise insensitivity of gradient microphones, **3233**
Fejer, J. A., radio-wave scattering by ionized gas, **191** *f*, **1290**, in magnetic field, **3525**
Feldman, D. W., *and B. R. McAvoy,* 100-dB microwave semiconductor switch, **2023**
Feldmann, W. L., *with A. G. Chynoweth,* domain delineation in triglycine sulphate, **918**
— *with others,* excess tunnel current in Si Esaki junction, **2272**
Feldtkeller, E., representation of coherent rotation of magnetization, **1940**; field-induced anisotropy in Ni-Fe films, **3878**
— *with E. Fuchs,* magnetic reversal of Ni-Fe films, **4222**
Felton, A. *with G. H. Rayner,* accuracy in a.c. measurements, **3098**
Fendley, J. R., *with others,* construction of thermionic energy converter, **707**
Fenwick, R. C., *and O. G. Villard, Jr,* frequency variation of WWV-20 signal, **686**
Ferraro, V. C. A., size of hollow in stream of corpuscles impinging on geomagnetic field, **1155**; diffusion in ionosphere, **3768**
— *J. E. C. Gliddon and P. C. Kendall,* diffusion of electrons near magnetic equator, **877**
Ferrieux, L., *with others,* magnetic and telluric effects of Argus experiment, **2571**
Ferro, A., *with others,* effect of neutron-bombardment on high-μ Fe, **980**; magnetic viscosity due to solute atom pairs, **1250**, **2704**
Fert, C., *with M. Fagot,* defocusing contrast in electron microscopy, **312**
Fettweis, A., filters with Tchebycheff pass-band behaviour, **1104**; equivalent circuits of coils with distributed capacitances, **3653**
Fetz, H., *and H. Oechsner,* investigation of h.f. plasmas by d.c. probe, **1790**
Fewings, D. J., change-of-state crystal oven, **2378**
Fichtel, C. E., *with others,* rocket observations of solar protons, **2943**
Fidecaro, G., h.f. properties of coaxial cable, **773**
Fidler, R. R., *R. B. Angus, Jr, and P. F. Marino,* radar data for high-speed digital computers, **1528**
Fiebranz, A., mismatch in television aerial installations, **3955**
Field, G. B., source of radiation from Jupiter at dm λ, **2934**
Fiks, V. B., *and G. E. Pikus,* electrokinetic effects in liquid semiconductors, **2700**
Filipczyński, L., transients and equivalent circuit of piezoelectric transducer, **2441**
Filippov, G. F., *with Ya. A. Komanov,* interaction of fast electron beams with longitudinal plasma waves, **3712**
Finden, H. J., frequency synthesis, **1443**
Finger, G., *with others,* hot-electron effects in many-valley semiconductors, **599**
Finkbein, U., *J. Holle and S. Tobies,* band IV/V television transmitters, **1660**
Finkenrath, H., conductivity mechanism of thin CdO films, **1231**
Finn, M. C., *with others,* Sb edge dislocations in InSb, **3465**
Finn, R. J., *with J. Crouchley,* study of whistling atmospherics, **3413**
Finnila, C. A., *L. A. Roberts and C. Süsskind,* measurement of relative phase shift at microwave frequencies, **298**
Finzi, L. A., *with A. Lavi,* analysis of magnetic second-subharmonic oscillator, **2125**
Firsov, Yu. A., *with V. L. Gurevich,* electrical conductivity of semiconductors in magnetic field, **3827**
Fischer, A. I., transistor wide-band amplifiers, **473**
Fischer, G., galvanomagnetic effects in three-band semiconductors, **1931**
— *and F. T. Hedgcock,* susceptibility and galvanomagnetic effects in Te, **2264**
— *D. Greig and E. Mooser,* measurement of galvanomagnetic effects in high-resistance semiconductors, **4248**
Fischer, H. J., *with R. Mühleisen,* measurement of atmospheric electric field, **161**
Fischer, J., magnetic moment and magnetic charge, **1466**
Fischer, J. B., wave filter with prescribed characteristics, **2117**
Fischer, K., *and P. Wästhoff,* radio receiving station of German meteorological service, **696**
Fischer, L. G., *and G. Frenkel,* search-radar analogue simulator, **4157**
Fischer, U., settling techniques for television screens, **1662**
Fischler, A. S., galvanomagnetic properties of *n*-type $CdAs_2$, **3053**
— *with others,* properties of II-V semiconductors, **2259**
Fisher, J. C., *and I. Giaever,* tunnelling through insulating layers, **1956**
Fisher, P., *and H. Y. Fan,* absorption spectra and Zeeman effect of Cu and Zn in Ge, **614**
Fiskin, J. M., *and W. B. Sisco,* propagation of e.m. waves through hypersonically produced plasma, **1123**
Fix, H., *and A. Kaufmann,* statistical fluctuations in television cameras, **1326**; translator-modulator-demodulator for television tape-recording, **3172**; signal/noise ratio in television camera tubes, **3950**
Flambard, A., *and M. Reyssat,* e.m. waves and satellites, **865**
Flanagan, J. L., *and N. Guttman,* pitch of periodic pulses, **1058**, **1059**
Flaschen, S. S., *with others,* piezoresistance and piezocapacitance effects in $(Ba,Sr)TiO_3$ ceramics, **2644**
Fletcher, P. C., *and N. Silence,* absorption above ferrimagnetic resonance, **2722**
Fletcher, R. C., *with H. Suhl,* ferromagnetic relaxation equations, **1948**
Flock, W. L., *R. C. Mackey and W. D. Hershberger,* propagation at 36 Gc/s in Los Angeles basin, **1286**
Flowerday, T. W., *and D. D. McKibbin,* tunnel-diode one-shot and triggered oscillator, **3675**
Flunkert, H., ferroelectric domains in Rochelle salt, **2251**
Fochs, P. D., growing CdS crystals from vapour phase, **585**
Fodor, G., theorems of Laplace transformation, **3893**
Folberth, O. G., ΔE values of ZnS phases, **246**; bonding in crystal with normal valency, **247**
Fomin, N. V., infrared radiation absorption by semiconductors, **2649**
Fomina, V. I., *with others,* induced conductivity in ZnS layers, **2995**
Foner, S., *and W. Low,* pulsed-field measurements of large zero-field splittings, **1484**
Fooks, G. F., irregularities in E_s layer, **2957**; fading of radio waves during magnetic storms, **4133**

— *and I. L. Jones*, correlation analysis of fading of radio waves, **2347**
Foote, R. S., *with W. V. Harrison*, tunnel diodes increase digital-circuit switching speeds, **4024**
Forbush, S. E., *D. Venkatesan and C. E. McIlwain*, intensity variations in outer Van Allen belt, **4089**
Ford, D. W., *and G. Eyre*, design of v.h.f. f.m. radio telephone, **2776**
Ford, L. H., *with G. H. Rayner*, precision measurement of capacitance, **3104**
Forgacs, R. L., ultrasonic velocity measurements, **771**
Forrer, M. P., *and E. T. Jaynes*, resonant modes in waveguide windows, **29**
Forrester, P. A., *and W. B. Mims*, seesaw maser operation, **1773**
Forsyth, P. A., *and K. V. Paulson*, radio-star scintillations and auroral zone, **4082**
— *with S. Ziauddin*, three-frequency measurements of auroral absorption, **4146**
Forte, S. S., synthesis procedure for quadripoles, **789**
Forward, R. L., general relativity for experimentalist, **2528**
Fotland, R. A., properties of amorphous Se films, **210**
Fougere, G., *J. Preston and R. Farnsworth*, fast numeral reading machine, **4266**
Fournet, M., Peltier-effect cooling blocks, **3518**
Fox, A. G., *and T. Li*, resonant modes in maser interferometer, **2175**
Fox, J. A. S., *with others*, analogue computer for radiation patterns, **2095**
Frachet, G., *with A. Pouyferré*, test-line signals of French television service, **1659**
Fraiman, B. S., *with I. M. Bronshtein*, secondary emission from thin metal layers and semiconductors, **3069**
Francis, W. E., *and R. Karplus*, hydromagnetic waves in ionosphere, **881**
— *with others*, geomagnetic-storm sudden-commencement rise times, **162**
Frank, E., *and J. Ratsch*, h.m.d. stereophonic broadcast system, **3540**
Frank, F. C., *and M. B. Ives*, orientation-dependent dissolution of Ge, **944**
Frank, H., 2-terminal-network functions, **1429**
Frank, K., image orthicons with field mesh, **3951**
Frank, R. C., *with J. E. Thomas, Jr*, Ge crystals grown from hollow seeds, **244**; diffusion of H_2 in Ge, **1228**
Franke, K. H., valve analogue circuit for representing transistor properties, **2807**
Franken, P. A., *and others*, generation of optical harmonics, **4075**
Frankena, H. J., transient phenomena in horizontal dipole problem, **1072**
— *with A. T. de Hoop*, radiation of pulses from vertical dipole, **1073**
Frankl, D. R., space-charge calculations for semiconductors, **596**; material parameters in design of surface-space-charge varactors, **3185**
— *with B. W. Levinger*, cyclotron-resonance measurements on Ge, **4187**
Franklin, C. A., *with others*, cosmic noise measurements from 1960 η1, **2566**
Franklin, D. P., active low-pass *RC* filters, **3276**
Franklin, R. N., space-charge neutralization and thermionic emission, **1356**
Franks, L. E., *and I. W. Sandberg*, *n*-path filter, **72**
Franks, R. E., *and R. L. Bell*, determining polarization orientation of linearly polarized source, **416**
Fränz, K., characteristics of dipole impedances, **1731**
Franz, W., mobility in semiconductors, **924**
Fraser, H. J., *and W. V. P. Reece*, electronic Nyquist plotter, **4258**
Frassetto, R., *with M. Lomask*, acoustic measurements using bathyscaph, **3**
Fraude, A., complex impedance of magnetostrictive oscillators, **6**
Fray, S. J., *F. A. Johnson and R. H. Jones*, lattice absorption bands in InSb, **1238**
Frederikse, H. P. R., *with J. Yahia*, conduction in *p*-type Ti_2O_3, **4200**
Fredricks, R. W., travelling-wave analysis of parametric amplifiers, **3205**
Freed, R., *and L. S. Klivans*, satellite flashing-light system, **3754**
Freedman, L. A., *with others*, stereophonic system for a.m. broadcast band, **1311**
Freeman, A. J., *and R. E. Watson*, contribution of Fermi contact term to magnetic field at nucleus, **973**
Freeman, E. A., stabilization of control systems with backlash, **701**
Freeman, J. J., systematic error in underwater d.f., **205**
Frei, A. H., d.c. characteristic of unipolar transistor, **4346**
— *with P. A. Tschopp*, determination of magnetic fields, **264**
Freidberg, S. A., *with D. Douthett*, magnetic-field effects on heat conduction in ferrimagnetic crystals, **2716**
Freier, P. S., *with S. Biswas*, cosmic-ray flare 4th May 1960, **2570**
Freitas, L. G., *with S. Mascarenhas*, crystallographic orientation and phase changes in solids, **214**
Freller, H., *with K. G. Günther*, InSb and InAs films, **4198**
French, I. P., *with others*, paraboloidal reflectors with axial excitation, **426**
Frenkel, G., *with L. G. Fischer*, search-radar analogue simulator, **4157**
Frenzel, D., influence of camera optical system on television, **712**
Freundlich, M. M., *and others*, magnetic-tape read-out with electron beam, **1639**
Freutel, W., *and F. von Rautenfeld*, protection ratio between two a.m. channels, **2764**
Freycenon, J., *and I. Solomon*, terrestrial-field magnetometer, **1000**
Freytag, H. H., video cross-bar distributor, **4326**
Fric, C., investigation of maser-type oscillator with liquid flow, **1449**
— *and H. Hahn*, radio measurement of magnetic induction, **301**
Fricke, H., goniometer measuring systems, **297**; measurement of complex ratios by goniometer, **2330**
Fricker, S. J., *and others*, fading rate of moon-reflected u.h.f. signals, **316**
Fridkin, V. M., luminescence of ZnS electrets, **215**
Friedman, H., Lyman-α radiation, **4114**
— *with others*, attempt to measure night He glow, **3779**
Friedrich, J., theory of plasmas, **2917**
Friend, C. K., *and S. Udalov*, stabilized delay circuit, **2511**
Frigyes, I., *with G. Almássy*, noise generator for 200-Mc/s band, **3503**
Frihagen, J., *and J. Tröim*, scintillation of signals transmitted from earth satellites, **1835**
Frisch, H. L., *and S. P. Lloyd*, electron levels in one-dimensional random lattice, **1139**
— *with J. A. Morrison*, nonlinear diffusion-controlled growth of precipitation, **225**
Frischmuth-Hoffman, G., *P. Görlich and H. Hora*, photoemission of multi-alkali cathodes, **2616**
— *and others*, measurements on multi-alkali photocathodes, **582**
Fritzsche, H., effect of shear on impurity conduction in *n*-type Ge, **613**; valley-orbit splitting of Sb in Ge, **1224**
— *and M. Cuevas*, impurity conduction in transmutation-doped Ge, **243**
Froome, D. S., *with others*, airborne microwave refractometer, **3515**
Frosch, C. J., *and L. Derick*, preparation and processing of GaP, **3851**
Fründt, H. J., reliability of electronic equipment, **2436**; equipment unreliability and causes, **2864** *d*
Fuchs, E., Weiss domains in ferromagnetic films, **2714**
— *and E. Feldtkeller*, magnetic reversal of Ni-Fe films, **4222**
Fuchshuber, R., *R. Guillien and S. Roizen*, dielectric properties of ZnS thin films, **3007**
Füchsl, W., expansion of Austrian transmitter network, **1664** *a*
Fujii, T., electron-beam analyser using piezoelectric scanner, **3198**
Fujiwara, T., *and T. Kato*, influence of aging on temperature dependence of resistance in alnico-5, **2707**
Fukuroi, T., *with K. Yamagata*, measurement of Hall mobility at a microwave frequency, **1961**
Fukushima, M., *with others*, u.h.f. propagation beyond horizon, overland, **318**, amplitude correlation in, **1982**
Fulford, J. A., line breadths in NH_3 spectrum, **835**
Fuller, C. S., donor reactions in O_2-doped Ge, **3455**
— *W. Kaiser and C. D. Thurmond*, donor equilibria in Ge-O_2 system, **1229**, **2285**
Fuller, H. W., *and M. E. Hale*, domains in magnetic films observed by electron microscopy, **640**
Fullwood, R., use of transistors in avalanche mode for nuclear instrumentation, **1349**
Fulton, F. F., Jr, effect of receiver bandwidth on amplitude distribution of v.l.f. atmospheric noise, **3925**
Funakawa, K., *with others*, effect of polarization on attenuation of rain at mm λ, **3909**
Funatogawa, Z., *with Y. Gondō*, domain walls in thin films, **261**
Furduyev, V. V., *and Chen Tun*, measurement of sound diffusion in rooms, **1716**
Furdyna, J. K., *and S. Broersma*, microwave Faraday effect in Si and Ge, **1562**
Furuichi, J., *with E. Nakamura*, measurement of microwave dielectric constants, **1547**
Furukawa, Y., tunnel-diode characteristics, **358**; properties of heavily doped Ge, **1227**, **4189**; impurity-effect mobility in doped Si, **3029**
Furutsu, K., *and T. Ishida*, amplitude distribution of impulsive random noise, **893**, **3923**
Fyfe, T. A., *with J. A. Narud*, tunnel-diode curve tracer, **2803**

Gabor, D., new thermionic generator, **1969**
— *and P. C. J. Hill*, television band compression by contour interpolation, **3163**
— *W. P. L. Wilby and R. Woodcock*, self-optimizing nonlinear filter, predictor and simulator, **3260**
Gabor, T., anodic oxidation of Ge, **3839**
Galavanov, V. V., voltage sensitivity of Hall-e.m.f. probes, **2731**
Galejs, J., excitation of v.l.f. and e.l.f. radio waves by horizontal magnetic dipole, **3918**
Gales, R. S., *with others*, liveness effects on intelligibility of noise-masked speech, **3224**
Galil, U., *with D. Ophir*, Zener-diode logarithmic pulse amplifier, **3686**
Galkin, G. N., volume recombination in Si subjected to heat treatment, **2670**
Galkina, O. S., *and L. A. Chernikova*, relation between low-temperature resistance and galvanomagnetic effect, **1204**
— *with others*, resistance maximum for ferromagnetics at Curie points, **1254**
Gallagher, J. J., *with others*, microwave emission from optically pumped atomic system, **516**
Gallagher, P. B., *with others*, radar methods of measuring cislunar electron density, **536**
Gallet, R. M., *and W. F. Utlaut*, laminar nature of exosphere in guided-wave propagation, **3405**
Gallop, J. W., *T. L. Dutt and H. Gibson*, forces on plasma in cavity resonator, **105**
Gal'perin, Yu. I., *with others*, detection of 10-keV electrons in upper atmosphere, **154**
Galt, J. K., *with others*, adiabatic demagnetization and specific heat in ferrimagnets, **647**
Galvin, A. A., sequential detection system for radar, **4159**
Gambling, W. A., *with B. G. Bosch*, techniques of microwave noise measurement, **3502**
— *with others*, excess noise in microwave mixer crystals, **3563**
Gans, F., apparatus for studying luminescent substances, **913**
Garbacz, R. J., *and D. L. Moffatt*, bistatic scattering from small absorber-coated metal shapes, **3347**
Gardiner, B. R., Doppler navigation and tracking, **895**
Garino, A., comb filter for signal detection in noise, **74**
Garmire, G., *with others*, solar radio bursts at sunspot maximum, **849**
Garner, K. C., multitapped potentiometers as linear transducers, **1313**
Garrett, C. G. B., *with others*, light emission from ruby, **657**; fluorescence and optical maser effects in CaF_2:Sm^{++}, **4078**
Garrido, L. M., perturbations in classical mechanics, **168**
Garriott, O. K., *and A. W. Nichol*, ionospheric data from Doppler shifts at harmonic frequencies, **4128**
— *with others*, characteristics of signal from 1958 δ2, **864**
Garscadden, A., *and K. G. Emeleus*, exploration of oscillating beam-plasma fields, **1457**
Garside, A. E., *with others*, Si power rectifiers, **4315**
Gartlein, C. W., *with others*, correlation of auroral arc and outer-zone radiation, **157**
Gärtner, W. W., photothermal effect in semiconductors, **3022**
— *and M. Schuller*, three-layer negative-resistance and inductive semiconductor diodes, **2407**
— *with M. Schuller*, large-signal circuit theory for negative-resistance diodes, **3962**
Gashimzade, F. M., *with A. I. Gubanov*, energy bands in $CdIn_2Se_4$, **1896**
Gasparini, F., linear passive networks, **1100**
Gasse, H. J., *with C. Kleint*, shot and scintillation noise in cold electron emission, **313**
Gassmann, G. G., image transformations on c.r. tube screens, **760**
Gatos, H. C., *M. C. Finn and M. C. Lavine*, Sb edge dislocations in InSb, **3465**
— *with others*, growth of GaAs crystals, **253**
Gea Sacasa, R., vertical and oblique incidence, **1297**; predictions for Spanish sea routes, **2374**
Geballe, T. H., *with M. Pollack*, l.f. conductivity due to hopping processes in Si, **3834**
Gedalin, E. V., *with G. A. Begiashvili*, Cherenkov radiation in medium with spatial dispersion, **3334**
Gedaminski, B. F., *and W. F. Griffin, Jr*, transmitting facsimile messages over meteor-burst paths, **3550**
Geerk, J., *and H. Kleinwächter*, gas discharge, at focus of radar paraboloid, **2147**, at focus of ellipsoid, **4065**
Geesner, C. R., *with C. R. Barnes*, Si_3N_4 thin-film dielectric, **1542**
Gehman, J. B., *with others*, magnetic-tape read-out with electron beam, **1639**
Geiger, G. V., *N. D. La Frenais and W. J. Lucas*, propagation measurements at 3480 and 9640 Mc/s, **683**
Geist, D., magnetic susceptibility, of electrons in Si, Ge and InAs, **231**, of defect electrons, **232**, of Fe- and Zn-doped Ge, **618**; magnetic balance for susceptibility differences, **999**
Geist, W., special amplifier valves, **1363**
Gelberg, A., *with others*, temperature dependence of work function of metals (Mo, Ni), **3477**
Geller, I. Kh., *and P. V. Sharavskil*, electrical parameters of Se rectifiers, **3156**
Geller, S., superexchange interaction and ionic distribution in substituted Fe garnets, **1261**
Geller, S. B., *and P. A. Mantek*, tunnel-diode large-signal simulation study, **2402**
Gendrin, R., generation of v.l.f. noise in exosphere, **2219**; guidance of whistlers by magnetic field, **2223**, **3781**
— *with others*, transatlantic communication via Echo 1, **1306**
Gentner, W., *and others*, C.E.R.N. 600-MeV synchrocyclotron, **3517**
George, A. J., *and D. T. Teaney*, transistorized lock-in for klystron a.f.c., **746**
George, R. I., *and R. B. McQuistan*, lead-wire attachment to thin films, **4241**
Gerber, W., European colour television, **2013**
Gere, E. A., *with others*, paramagnetic resonance absorption from acceptors in Si, **606**
Gergely, G., surface processes in cathodoluminescence and electron-bombardment induced-conductivity, **1883**
Gerlach, P., ceramic power triodes and tetrodes, **3582**
Germany, L. W., design of video control installations, **2393**
Gerritsen, H. J., *and H. R. Lewis*, paramagnetic resonance of V^{4+} in TiO_2, **281**
— *S. E. Harrison and H. R. Lewis*, Cr-doped TiO_2 as maser material, **283**
— *with E. S. Sabisky*, travelling-wave maser using Cr-doped rutile, **4054**
Gershenzon, M., *and R. M. Mikulyak*, electroluminescence at *p-n* junctions in GaP, **3805**
Gershman, B. N., nonresonance absorption in magnetoactive plasma, **1476**; gyro-resonance absorption of e.m. waves in plasma, **1802**
Gershman, S. G., *and Yu. I. Tushilkin*, transverse correlation coefficient of acoustic signal in sea, **3231**
Gerson, N. C., arctic ionosphere and solar activity, **2601**
Gerson, R., dielectric properties of $Pb(Ti,Zr)O_3$ at v.l.f., **216**; mechanical Q and Young's modulus of ferroelectric ceramics, **1246**
Gerst, I., *and J. Diamond*, elimination of intersymbol interference, **3532**
Gerstner, D., *and E. Kneller*, diffusion after-effect in Fe-Ni alloys, **4208**
Gerthsen, P., *J. A. A. Gilsing and M. van Tol*, automatic dew-point hygrometer, **2333**

Gertsenshtein, M. E., *and L. N. Bryanskil*, elimination of mismatch error, **1611**
Geschwind, S., paramagnetic resonance of Fe^{3+} in Y garnets, **2320**
— *and J. P. Remeika*, paramagnetic resonance of Gd^{3+} in Al_2O_3, **3496**
Gething, P. J. D., influence of ionospheric conditions on accuracy of d.f., **3791**
Getmantsev, G. G., growth of e.m. waves in interpenetrating media, **1477**
Getsinger, W. J., analysis of transmission-line networks, **397**
Gevers, M., *with others*, waveguides for 2-mm microwaves, **2841**
Geyger, W. A., self-balancing magnetic amplifiers for ink recorders, **3297**; ampere-turn gain of saturable reactors, **3655**
Ghandi, S. K., *with others*, solid-state device aspects of microsystem electronics, **765**
Ghielmetti, H. S., spectrum and propagation of relativistic solar-flare particles, **3371**
Ghose, R. N., subsurface communication for survival, **2009**
Ghosh, S. K., variation of mobilities with thickness of Te films, **3437**
Ghosh, S. N., *and V. Malaviya*, microwave absorption in atmosphere, **3521**
— *and S. Nand*, ionization of E layer by X-rays, **2201**
Giacoletto, L. J., variable-capacitance semiconductor device, **1451**; fluctuation noise in semiconductor space-charge regions, **2698**
Giaever, I., electron tunnelling between superconductors, **968**
— *and K. Megerle*, study of superconductors by electron tunnelling, **3471**
— *with J. C. Fisher*, tunnelling through insulating layers, **1956**
Gianola, U. F., design problems in all-magnetic logic, **2482**
Gibbons, J. F., analysis of transistor oscillator operation, **4042**
— *and D. A. Linden*, lumped-model analysis of space-charge widening, **720**
Gibson, H., *with others*, forces on plasma in cavity resonator, **105**
Gibson, W. G., *and A. C. Schroeder*, vertical-aperture equalizer for television, **347**
Gieles, J. P. M., applications of microwave triodes, **3197**
Giersiepen, R., frequency measurement of strongly disturbed oscillation, **4263**
Gifford, J. H., *with others*, airborne frequency generating unit, **2127**
Giger, A. J., solenoid delay line, **1766**
Gilbert, E. A., precision variable-frequency power supply, **1641**
Gilbert, G. B., *T. O. Poehler and C. F. Miller*, electron bombardment of thin films, **4240**
Gilbert, J. F., *with others*, electron mobilities and tunnelling currents in Si, **1558**; electron-bombardment damage in Si Esaki diodes, **3961**
Gildart, L., *J. M. Kline and D. M. Mattox*, semiconducting properties of Bi_2Se_3, **3063**
Gilden, M., *and G. L. Matthaei*, nearly optimum degenerate parametric amplifier, **2138**
Gilinskii, I. A., interaction of electrons with field in circular waveguide, **752**
Gill, D., *with others*, linear effect of electric field on nuclear quadrupole resonance, **3730**
Gill, D. A., *with others*, symmetrical transistors as a.c. or d.c. switches, **2108**
Gill, J. S., short-term spectrum analysis in 'real-time', **1061**
Gillespie, E. F. F., power flow and negative wave impedance in dielectric-rod waveguide, **406**
Gillett, C. M., *with J. C. Woolley*, electrical properties of GaSb-InSb alloys, **1928**
— *with others*, properties of InSb-In_2Te_3 alloys, **1242**; properties of GaAs-InAs alloys, **1927**
Gillitzer, E., *and R. Herz*, circular waveguide for radio-link systems, **2844**
Gillmann, H., p.p.i. display with frequency-band compression, **2615**
Gilmour, A. S., Jr, effect of filament magnetic field on electron beam from Pierce gun, **2819**
Gilsing, J. A. A., *with others*, automatic dew-point hygrometer, **2333**
Gilvarry, J. J., parameters of atmospheric escape layer, **885**
Ginsberg, L. H., *and D. J. Blattner*, atmospheric noise levels from 0·6–10 kc/s, **3411**
Ginzburg, V. L., *and A. V. Gurevich*, nonlinear phenomena in plasma in e.m. field, **1464**
Giralt, G., *and J. Lagasse*, stable d.c. power supply, **338**
— *with others*, stabilization of direct-voltage supplies, **705**
Girke, H., shape of Preisach functions of high permeability materials, **3074**
Githens, J. A., *with others*, project Echo antenna steering system, **3937**
Glaister, R. M., coupling coefficient and Q of piezoelectric ceramics, **222**
— *and H. F. Kay*, cubic-hexagonal transition in $BaTiO_3$, **922**
Glang, R., *and W. B. Easton*, donor concentration of diffused n-type layer on p-type Ge, **1920**
Glaser, W., instantaneous-value compounding, **4296**
Glassbrenner, C., *with G. A. Slack*, thermal conductivity of Ge, **1222**
Glazer, P. F., *and E. R. Spangler*, payload design for lunar satellite, **544**
Glazunov, P. Ya., *with others*, effect of fast electron bombardment on Si, **3031**
Gledhill, C. S., two-path transmission-line network, **774**
Gleichauf, P. H., *and V. Ozarow*, electron-microscope studies on SiC p-n-junction emitters, **2273**
Glendinning, W., *and others*, Si epitaxial microcircuit, **2866**
Glenn, R. C., *with J. T. Michalak*, transmission-electron-microscope observations of magnetic domain walls, **3881**
Glicksman, M., *and R. A. Powlus*, electron-hole current pinching in InSb, **2691**
— *and K. Weiser*, properties of p-type InP, **4194**
Glicksman, R., *with others*, temperature dependence of peak current of Ge tunnel diodes, **4333**
Gliddon, J. E. C., *and P. C. Kendall*, theoretical world curves of maximum F_2 ionization, **1846**
— *with others*, diffusion of electrons near magnetic equator, **877**
Glover, R. E., III, *and M. D. Sherrill*, changes in superconducting critical temperature, **257**
Glucharoff, T., analogue-computer compensation of sampled-data control systems, **2483**
— *with others*, extension of describing-function technique, **704**
Gobrecht, H., *and H. E. Gumlich*, influence of excitation wavelength on electrophotoluminescence, **590**
— *H. E. Gumlich and J. zum Bruch*, field enhancement and quenching of cathodoluminescence, **4166**
— *F. Niemeck and K. E. Boeters*, PbSe films of high stability, **2244**
Godart, J., hot-cathode gas-diode microwave switch, **2056**
Goddard, B. R., *A. Watkinson and B. Y. Mills*, interferometer for measurement of radio-source sizes, **1817**
Godefroy, L., *and J. Tavernier*, magnetoelectric and thermomagnetoelectric effects in semiconductors, **2660**
Godivier, R., *with others*, magnetic and telluric effects of Argus experiment, **2571**
Goeldner, J., *and O. Tegel*, FM120/2200: stand-by circuit, **3150**
Goetzberger, A., uniform avalanche effect in three-layer diodes, **1339**
— *and W. Shockley*, metal precipitates in Si p-n junctions, **608**
Goffaux, R., electroluminescent ZnS powders, **1197**; ion migration in SiC, **1218**
Gofman, I. I., *O. D. Protopopov and G. N. Shuppe*, pulsed electron emission from W, **1357**
Golant, V. E., *and others*, cm-wave propagation through plasma-filled waveguide, **3624, 3625**
Golay, M. J. E., coherence vs narrowbandedness in regenerative oscillators, **2502**
Gold, L., hot-electron nonequilibrium carrier distribution in many-valley semiconductor, **3038**
Gold, O., dm-λ reactance circuits, **398**
Gold, R. D., *with C. W. Mueller*, h.f. varactor diodes, **2026**
Goldberg, A. A., *and M. R. Hannah*, video-tape analyser, **3940**
Goldberg, H. B., *with J. G. McCubbin*, beacon transmitters and power supply for Echo I, **3174**
Goldberg, J., velocity modulation and errors of travelling-wave deflection system, **1378**
Goldberg, J. L., reversible decimal counters, **2888**
Goldberg, P., action of Ni and Co in ZnS phosphors, **2246**
Golde, H., kinematic electron bunching, **1364**
Goldenberg, H. M., *D. Kleppner and N. F. Ramsey*, atomic hydrogen maser, **474**
Golding, J. F., transformer-ratio-arm bridges, **2739**
Gol'dman, A. G., electroluminescence effect in black carborundum, **3003**
Goldsmith, G. J., *with J. A. Beun*, properties of ZnS crystals, **2617**
Goldstein, A. J., *and C. J. Byrne*, pull-in frequency of phase-controlled oscillator, **3280**
Goldstein, B., diffusion in compound semiconductors, **2690**
— *and H. Keller*, diffusion of tin in GaAs, **3461**
Goldstein, I., *and S. Soorsoorian*, microphony in waveguide, **400**
Goldstein, L., *with T. C. Marshall*, diamagnetism of gaseous plasmas, **2913**
Goldstein, Y., *with N. B. Grover*, thermal shutter phenomenon in field-effect measurements, **2297**
Goldwater, D. L., *with W. E. Danforth*, density of Th monolayer for maximum emission, **627**
Golikova, O. A., *with others*, mechanism of carrier scattering in Ge, **3032**
Göller, J., *with K. E. Miller*, horn radiators as gain standards, **2856**
Golton, E., skip-distance ray focusing, **1291**
Golyamina, I. P., magnetostrictive ferrites for electroacoustic transducers, **3219**
Gomer, R., field emission through dielectric layers, **98**
Gondō, Y., *and Z. Funatogawa*, domain walls in thin films, **261**
Gontkovskaya, V. T., *and G. A. Chebotarev*, motion of third Soviet cosmic rocket, **2578**
Gonzalez, V. H., *with K. C. Yeh*, geometry of earth magnetic field, **540**
Gooch, C. H., *with F. A. Cunnell*, diffusion of Cd into GaAs, **960**
Gooch, G. M., *with N. S. Nahman*, characteristics of superconductive coaxial line, **395**
Good, R. H., Jr, *with others*, microwave measurement of mobility, **4249**
Goodenough, E. F., high-Q wavemeter design, **1005**
Goodman, N. R., measuring amplitude and phase, **3097**
Goodman, R. R., cyclotron resonance in Ge, **3039**
Goodrich, G. W., *and W. C. Wiley*, resistance-strip magnetic electron multiplier, **4270**
Goodwin, F. E., maser action in emerald, **4055**
Gool, W. van. See van Gool, W.
Goorissen, J., segregation and distribution of impurities in preparation of Ge and Si, **2266**
Gorchakov, E. V., *with others*, radiation measurements of third space rocket, **2947**
Gordeev, G. V., internal breakdown in nonpolar semiconductors, **2655**
Gordon, E. I., transverse electron-beam waves, **1369**; noise in beam-type parametric amplifiers, **3592**
— *and A. Ashkin*, energy interchange in quadrupolar pump fields, **3591**
— *with others*, excitation and amplification of cyclotron waves, **3204**; low-loss acoustic resonance in garnet spheres, **3490**
Gordon, J. P., *with G. D. Boyd*, confocal multimode resonator for masers, **2174**
Goriss, J., *with P. Herrinck*, world maps of f_0F_2, **2589**
Görlich, P., measurement of proton currents with photosemiconductors, **1973**
— *with others*, multi-alkali photocathodes, measurements on, **582**, photoemission of, **2616**
Görling, H., *and J. Lindner*, test instrument for colour television, **2787**
Gorton, H. C., *and others*, grown p-n junctions of InSb, **2293**
— *with J. M. Swartz*, determining base voltage and contact resistance of conductivity-modulated diode, **3960**
Goryunova, N. A., *S. I. Radautsan and G. A. Kiosse*, new semiconducting compound in In-Sb-Te system, **2294**
Gosar, P., Zener breakdown and residual resistance in crystals, **2148**
— *with A. Quilliet*, surface photovoltaic effect in Si, **2665**
Goss, J. A., 'Isabel', **50**
Gossard, A. C., *V. Jaccarino and J. P. Remeika*, test of spin-wave theory of ferromagnet, **4204**
Gossard, E. E., *with J. F. Theisen*, free-balloon-borne refractometer, **2334**
Gossel, D., correction of phase distortion in RC networks, **75**
Gothe, K. H., permeability tensor of Mg-Mn ferrites, **2718**
Goto, M., *with others*, magnetoresistance effect in magnetization reversal of permalloy films, **2713**
Gottlieb, M., *with R. J. Zollweg*, oscillations and saturation-current measurements in thermionic conversion cells, **3122**
Gottlieb, P., sound source near velocity discontinuity, **381**; nonlinear effects in ferrimagnetic resonance, **838**
Goubau, G., reciprocity theorem for nonperiodic fields, **1295**
Gould, P. A., *with others*, cross-relaxation phenomena in solid-state masers, **1450**
Gould, R. N., novel method of radiating at v.l.f., **2092**
Gould, R. W., *and C. C. Johnson*, coupled-mode theory of electron-beam parametric amplification, **2047**
— *with M. R. Currie*, coupled-cavity travelling-wave parametric amplifiers, **806**
Gourceaux, M., complex refractive index of metals and thin films, **1478**
Goureaux, G., *with A. Colombani*, action of electric field on Ni films, **637**
Govorun, N. N., solution of integral equations in aerial theory, **35**
Graaf, A. M. de. See de Graaf, A. M.
Grabowski, K. P., *and R. D. Weglein*, coupled-cavity travelling-wave parametric amplifiers, **807**
Grace, M., *with others*, low-level garnet limiters, **3631**
Graf, K., *with others*, zig-zag oscilloscope presentation for μsec time intervals, **1963**
Graham, R., *J. W. H. Justice and J. K. Oxenham*, photoelectric beam-index colour television system, **4321**
Graham, R. A., piezoelectric behaviour of impacted quartz, **2254**
Grand, B., *L. Packer and J. L. West*, digital techniques in l.f. spectrum analysis, **998**
Grandjean, C., *and F. Dessignes*, coefficient of photoelasticity of Ge, **610**
Grannemann, W. W., *with others*, low-level linear rundown circuit for pulse height to pulse width conversion, **3678**
Grant, F. A., *with others*, magnetic susceptibility of TiO_2, **1248**
Grasser, R., *and A. Scharmann*, luminescence damage of phosphors by ions, **3424**
Grau, G. K., energy balance in parametric electron-beam amplifier, **2946**
Graul, F., induction probe for magnetic field-strength measurements, **3508**
Grave, H. F., properties and applications of semiconductor diodes, **3176**
Graves, C. D., propagation measurements using Explorer VI, **193**
Greebe, C. A. A. J., *and W. F. Knippenberg*, grown p-n junctions in SiC, **1563**
Green, M., Corbino-disk magnetoresistivity measurements on InSb, **3857**
— *and K. H. Maxwell*, adsorption of Cl_2 on clean Ge, **4186**
Green, W. B., fatigue-free Si device structure, **3945**
Greenaway, D. L., acceptor levels formed by Cu in Ge, **1225**
Greenberg, J. M., *N. E. Pedersen and J. C. Pedersen*, microwave analogue to scattering of light, **1803**
Greene, J. C., *and E. W. Sard*, tunnel-diode mixer, **1338**
— *and W. D. White*, radar sensitivity with degenerate parametric amplifier, **2228**
Greener, E. H., *and D. H. Whitmore*, nonohmic behaviour in near-stoichiometric TiO_2, **3859**
Greenhow, J. S., head echoes from meteor trails, **4096**
— *and J. E. Hall*, apparent height and number distributions of meteor echoes, **856**; variation of meteor heights, **854**; meteor trails, height variation of ambipolar diffusion coefficient for, **2941**, attachment processes in, **3375**
Greenstadt, E. W., interplanetary magnetic storms observed by Pioneer V, **3753**
Greger, G., Czochralski method of manufacturing Si single crystals, **3442**; saturation currents in Si electrodes, **4183**
Gregory, J. B., radio-wave reflections from mesosphere, **1986**; ionospheric reflections during polar-cap absorption events, **4137**

Greig, D., thermoelectricity in PbS-type semiconductors, **953**
— *with others*, measurement of galvanomagnetic effects in high-resistance semiconductors, **4248**
Greig, W. J., *with H. S. Veloric*, diffused impurity layers in Ge, **1221**
Greiner, C., magnetic field above plate-shaped domain structure, **3071**; deformation of domain structures, **4227**
Greiner, J., field measurements by method of harmonics, **1271**, **1608**, **3507**
Greiner, R. A., feedback amplification improves Hall-effect multipliers, **4018**
Gribnikov, Z. S., avalanche breakdown in diode, **1048**
Griffin, W. F., Jr, *with B. F. Gedaminski*, transmitting facsimile messages over meteor-burst paths, **3550**
Griffiths, J. W. R., *with D. C. Cooper*, video integration in radar and sonar systems, **2990**
Grifone, L., harmonic generators for 40-Gc/s band, **2133**
Grigor'ev, V. S., *and F. I. Kryazhev*, low-frequency sound propagation in shallow waters, **1699**
Grigorevskii, V. M., variations of rotation period of second Soviet satellite, **3385**
Grimmeiss, H. G., *and H. Koelmans*, *p-n* luminescence and photovoltaic effects in GaP, **916**
— *R. Groth and J. Maak*, luminescence and photoconductivity of GaN, **1198**
— *W. Kischio and A. Rabenau*, preparation and properties of AlP, **1572**
Grimsdale, R. L., *and M. Barraclough*, c.r.-tube output for digital computer, **3261**
— *with T. Kilburn*, digital computer store, **433**
Grinberg, A. A., photomagnetic effect, in isotropic semiconductors, **929**, anisotropic, in Ge, **2682**, in cubic anisotropic crystals, **2992**
— *and N. B. Strokan*, transient characteristics of photodiodes, **3191**
— *S. R. Novikov and S. M. Ryvkin*, negative photoconductivity in magnetic field, **3042**
— *L. G. Paritskii and S. M. Ryvkin*, effect of trapping levels on photoconductivity and carrier lifetime, **3015**
— *with others*, diffusion of minority carriers in magnetic field, **2661**
Grinberg, G. A., *and E. N. Kolesnikova*, diffraction of e.m. waves at conducting plane ring, **3723**
— *and I. A. Shukeilo*, solving problems of potential theory for electron-optical lenses, **489**
Gringauz, K. I., *and V. A. Rudakov*, determination of electron density in ionosphere, **560**
— *and S. M. Rytov*, measurements of charged particles by cosmic rocket, **1149**
— *and others*, ionized gas and high-energy electrons in vicinity of earth, **138**; interplanetary investigation of second Soviet space rocket, **151**
Grisdale, G. L., *and D. A. Paynter*, scatter link over 200-mile path, **2372**
Groendijk, H., interpretations of space-charge waves in electron beams, **3980**
Grohmann, K., *with others*, antiparallel Weiss domains as biprisms, **2307**
Groom, H. H. G., 600-card/min reader, **51** *c*
Groschwitz, E., amplification by carrier motion in semiconductors, **2298**
— *E. Hofmeister and R. Ebhardt*, surface currents in inversion layers on semiconductors, **2799**; extensive current paths in space-charge regions in semiconductors, **3180**
— *with others*, influence of surface currents on point-contact rectifiers, **3561**
Gross, E. F., *and B. V. Novikov*, effect of surface treatment on photoconductivity of CdS, **2237**
Grosskopf, H., perfect black reproduction in television, **1329**
— *and H. Springer*, flywheel-synchronized horizontal-deflection systems, **351**
Grosskopf, J., *G. Heinzelmann and K. Vogt*, correlation measurements on frequency diversity, **4284**
Grossmann, G., *with S. M. Ariya*, magnetic susceptibility of VO_2-TiO_2 solid solutions, **1249**
Grosvalet, J., alcatron, **3578**
Groth, R., infrared receivers using phosphors, **3972**
— *with others*, luminescence and photoconductivity of GaN, **1198**
Groubert, E., *and P. Caillon*, measurement of dielectric properties of lossy materials, **3905**
Grover, G. M., *with others*, Cs plasma cell, **1280**
Grover, N. B., *and Y. Goldstein*, thermal shutter phenomenon in field-effect measurements, **2297**
Grovra, G. V., calculating atmospheric densities from satellite orbit data, **3757**
Gruber, S., analysis of radio star scintillation, **1493**
Gründler, W., measurement of short-circuit currents, **1604**
Gruodis, A. J., *with R. C. Barker*, saturable-core modulation integrator, **3317**
Gubanov, A. I., *and F. M. Gashimzade*, energy bands in $CdIn_2Se_4$, **1896**
Gubler, I. E., *with A. G. Gurevich*, ferromagnetic resonance in Y ferrite, **2319**
— *with others*, u.h.f. properties of Y and Lu ferrite **2317**
Guénard, P., *and O. Doehler*, crossed-field tubes, **3590**
Guillien, R., *with others*, dielectric properties of ZnS thin films, **3007**
Gum, C. S., *and J. L. Pawsey*, choice of galactic coordinate system, **848**
— *F. J. Kerr and G. Westerhout*, priacipal plane of galaxy, **847**
Gumlich, H. E., *with H. Gobrecht*, influence of excitation wavelength on electrophotoluminescence, **590**
— *with others*, field enhancement and quenching of cathodoluminescence, **4166**
Gummel, H. K., measurement of impurities in base layer of transistor, **2417**
— *and F. M. Smits*, margin considerations for Esaki-diode/resistor OR gate, **1427**
— *with A. G. Chynoweth*, photon emission from avalanche breakdown in Ge *p-n* junctions, **1566**
Gumowski, I., nonlinear effect in transistor amplifiers with feedback, **801**; behaviour of nonlinear transistor amplifier near stability limit, **1769**
— *J. Lagasse and Y. Sevely*, equation for performance of nonlinear transistor amplifier, **1448**
Gundert, E., deflection sensitivity of inclined deflection plates, **3209**
— *and H. Lotsch*, high-slope television picture tubes, **1042**, **2789**
Gunn, J. B., accurate μs-pulse generator, **4049**
Günther, K. G., *and H. Freller*, InSb and InAs films, **4198**
Gupta, K. K., *and V. S. Mathur*, magnetic-field dependence of energy gap in superconductors, **1933**
Gupta, M. K., *with others*, measurements of noise in Delhi area, **3924**
Gurevich, A. G., *and I. E. Gubler*, ferromagnetic resonance in Y ferrite, **2319**
— *I. E. Gubler and A. P. Safant'evskii*, u.h.f. properties of Y and Lu ferrite, **2317**
Gurevich, A. V., ohmic heating of electron gas, **1120**
— *with V. L. Ginzburg*, nonlinear phenomena in plasma in e.m. field, **1464**
Gurevich, L. E., *and I. P. Ipatova*, Faraday effect in semiconductors, **229**
Gurevich, V. L., ultrasonic absorption in metals in magnetic field, **768**
— *and Yu. A. Firsov*, electrical conductivity of semiconductors in magnetic field, **3827**
Gurevich, V. M., *and I. S. Rez*, transitional conduction processes in $BaTiO_3$, **2639**
— *I. S. Zheludev and I. S. Rez*, transitional conduction processes in ferroelectric materials, **2638**
Gurovits, L. S., *with others*, effect of intermediate layer on frequency characteristics of ultrasonic delay lines, **1767**
Gürs, K., properties of PbTe photoresistors, **1351**
Gurzhi, R. N., *and M. Ya. Azbel'*, electron relaxation time and surface impedance, **1118**
Guseinov, G. D., *with others*, properties of TlSe, **3062**
Guss, D. E., *with others*, rocket observations of solar protons, **2943**
Gustafsson, G., *A. Egeland and I. Aarons*, a.f. e.m. radiation in auroral zone, **204**
— *with B. Hultqvist*, magnetic time dependence of auroral zone currents, **887**
Gutjahr, H., photoconduction of CdS single crystals, **2240**
— *and F. Matossi*, electrophotoluminescence of (Zn, Cd)S phosphor, **4168**
— *with K. W. Böer*, ion contribution to current through CdS, **2996**
— *with others*, influence of annealing on CdS crystals, **2241**
Gutsche, H., echo equalizers in wide-band transmission systems, **2773**
Guttenberg, W. von. See von Guttenberg, W.
Gütter, E., *and H. Mahl*, periodic illumination of object, **1614**
Guttman, N., *W. A. van Bergeijk and E. E. David, Jr*, monaural temporal masking, **1060**
— *with J. L. Flanagan*; pitch of periodic pulses, **1058**, **1059**
Gutzwiller, F. W., *and T. P. Sylvan*, power semiconductor ratings, **2383**
Guy, P. J., recording and reproducing equalization, **1063**
Guyot, L. F., large-field image intensifiers, **3975**
Gyorgy, E. M., *and F. B. Havedorn*, high-power microwave losses and magnetic flux reversal, **651**
— *with E. A. Nesbitt*, permalloy for high-speed switching, **3886**

Haacke, G., *and I. Jaumann*, Bloch wall movement in ultrasonic fields, **2306**
Haas, C., *and M. M. G. Corbey*, infrared reflection spectrum of SnS, **4199**
— *with others*, preparation and properties of SnS crystals, **964**
Haas, C. W., *and H. B. Callen*, resonance line width in Co-substituted ferrites, **3079**
Haas, F. A., *with K. W. Vaughan-Williams*, error in thermal conductivity for fully ionized gas, **1789**
Habermann, W., *with H. Fix*, translator-modulator-demodulator for television tape-recording, **3172**
Habra, J., mechanical modulator uses variable capacitance, **577**
Hachenberg, O., *with G. Appelt*, secondary electron emission of Sb-Cs and Bi-Cs films, **1534**
Haering, R. R., *and E. N. Adams*, Esaki tunnelling in presence of magnetic fields, **3434**
— *and P. B. Miller*, oscillations in longitudinal current of tunnel diodes, **2403**
Haga, O. J., *and D. Midgley*, phase-sensitive wave analysis, **3113**
Hagedorn, F. P., *with E. M. Gyorgy*, high-power microwave losses and magnetic flux reversal, **651**
Hagfors, T., properties of radio waves reflected from moon, **2186**; density fluctuations in plasma in magnetic field, **3391**
Hagger, H., amplification of multiresonator klystrons, **2045**
Hagino, M., *with others*, properties of Sb-Cs and Sb(Mg)-Cs films, **2811**
Hagiwara, S., *with S. Kojima*, radiation of plasma oscillation, **1122**
Hagstrum, H. D., Auger electron ejection, from Ge and Si, **233**, from Ge, **3457**; Auger neutralization of ions at semiconductor surface, **3020**; oxygen adsorption on Si and Ge, **3439**
Hahn, H., stabilization of magnetic field by nuclear-magnetic-resonance maser, **1644**
— *with C. Frei*, radio measurement of magnetic induction, **301**
Haidemenakis, E., *with others*, photovoltages in Si and Ge layers, **3831**
Haidemenakis, E. D., *and others*, temperature effects on GaAs switching transistors, **4351**
Hain, P., *H. Lind and W. Henne*, influence of mechanical vibrations on reflex klystrons, **3588**
Haisty, R. W., constant-current supply for high-resistance loads, **1318**
Haitjema, M. T., *W. Kopinga and S. J. Porte*, performance tests on loudspeakers, **2072**
Hajdu, J., magnetoresistance effect, **2531**
Hake, R. R., *with others*, superconductivity in Nb-Zr alloys, **3472**
Haken, W., design of two-step transforming sections, **1414**
Hakim, S. S., Bode's variable equalizer, **2499**
Hakimi, S. L., graphs with two kinds of elements, **3091**
Hakki, B. W., Doppler-helitron oscillator, **2051**
— *and P. D. Coleman*, Cherenkov radiation in dielectric-tube waveguide, **2920**
— *and H. J. Krumme*, coherent generation of microwave power by annihilation, **3722**
Hakura, Y., polar-cap and auroral-zone blackout, **2350**
— *M. Nagai and Y. Sano*, magnetic storm and ionospheric disturbances 13th September 1957, **3773**
— *with T. Obayashi*, propagation of solar cosmic rays, **538**; solar corpuscular radiation and polar disturbances, **562**
Halbach, K., modulation-effect corrections in magnetic resonance, **129**
Hale, F. E., long-range sound propagation in deep ocean, **2828**
Hale, M. E., *with H. W. Fuller*, domains in magnetic films observed by electron microscopy, **640**
Hall, J. E., *with J. S. Greenhow*, variation of meteor heights, **854**; apparent height and number distributions of meteor echoes, **856**; meteor trails, height variation of ambipolar diffusion coefficient for, **2941**, attachment processes in, **3375**
Hall, J. J., *with S. H. Koenig*, low-temperature transport in 'split *p*-Ge', **1223**
Hall, L. E., *and B. H. Meggs*, electroformed Cu waveguide, **401**
Hall, R. N., *and J. H. Racette*, distribution coefficients of impurities in GaSb, **3056**
Halligan, J. W., *with J. A. Ekiss*, average- and spot-noise figure in transistor amplifiers, **3300**
Hallows, R. L., electronic brightness contouring, **3559**
Halperin, A., *and J. Nahum*, properties of semiconducting diamonds, **3048**
Halverson, H., testing microwave transmission lines by sampling oscilloscope, **3512**
Ham, F. S., *with M. H. Cohen*, electron effective mass in solids, **1487**
— *with E. M. Pell*, recombination kinetics for thermally dissociated Li-B ion pairs in Si, **3446**
Hamada, S., *and H. Mukai*, staggered operation of doubly resonant parametric amplifiers, **2901**
Hamann, D. R., matched amplifier using Esaki diodes, **2527**
Hamblen, J. W., *and J. B. Oakes*, Transit navigational satellite, **4151**
Hambleton, K. G., *C. Hilsum and B. R. Holeman*, ionic charge of GaAs from measurements of dielectric constant, **3460**
Hame, T. G., *and W. D. Stuart*, electron content and distribution in ionosphere, **185**
Hamer, R., r.f. interference in multichannel telephony, **1299**; long-distance waveguide transmission, **2458**
— *and R. G. Wilkinson*, variable group-delay equalizers, **3666**
Hamilton, C. W., localized pulsed microwave discharge in air, **820**
Hamilton, D. J., *and M. J. Morgan*, tunnel-diode pair, **3677**
Hamish, H., *with others*, antiparallel Weiss domains as biprisms, **2307**
Hamlin, D. A., *and others*, drift frequencies for geomagnetically trapped particles, **1497**
Hampton, L. D., *and C. M. McKinney*, acoustic scattering from solid spheres in water, **3221**
Hanel, R. A., thermoelectric microphone, **769**
Haneman, D., surface structures and properties of diamond-structure semiconductors, **2658**
Hanna, D. A., *with G. W. Marks*, polarized polycrystalline $BaTiO_3$, **2249**
Hannah, M. R., *with A. A. Goldberg*, video-tape analyser, **3940**
Hanscome, T. D., *with J. W. Clark*, radiation pulses and electronics, **380**
Hansen, R. C., communications satellites using arrays, **3149**
Hansen, R. T., cosmic-ray flare of 20th November 1960, **2180**
Hanson, H., *with others*, satellite determination of primary cosmic-ray spectrum, **2951**; satellite instrumentation for primary cosmic radiation, **4111**
Hanson, W. B., *and D. D. McKibbin*, ion concentration profile above F_2 peak, **3400**
— *and I. B. Ortenburger*, coupling between protonosphere and F region, **2978**
Hanysz, E. A., *J. E. Stevens and A. Medwsky*, communication system for highway traffic control, **332**
Happ, W. W., *with T. R. Nisbet*, calculus of deviations applied to transistor circuit and network analysis, **2875**; Jacobians for frequency-selective networks, **3274**
Harada, R., *with J. O. McCaldin*, As pressure in doping GaAs with Ge, **959**
Harang, L., *and J. Tröim*, studies of auroral echoes, **1175**, **2983**
Harden, B. N., transistor current gain at u.h.f., **3965**
— *and R. W. Smith*, transistor measurements, **1342**
Harding, G. N., *and others*, sub-mm e.m. radiation from plasma in Zeta, **2918**
Härdtl, K. H., luminescence decay of ZnS-Cu, ZnS-S, ZnS-Zn and ZnO-Zn, **213**
Hargreaves, J. K., fluctuations in v.l.f. signals reflected from ionosphere, **1994**
— *with others*, phase variation in long-distance v.l.f. propagation, **2756**

Hargreaves, T. F., *J. H. Gifford and G. E. Smythe,* airborne frequency generating unit, **2127**
Harker, K. J., determination of electrode shapes for axially symmetric guns, **1362**
Harkness, S., *and F. J. Wilkins,* a.f. amplifier for voltage measurement, **3100**
Harman, G. G., Ga alloys as electrodes for thermocouples, **284**
— *and R. L. Raybold,* measurement of carrier lifetime in SiC, **3450**
Harmuth, H. F., orthogonal codes, **693**
Harnischmacher, E., *and H. Porsche,* active h.f. spectrometers for ionospheric sounding, **3402**
— *with others,* ionospheric Faraday effect, **2760**
Harper, W. G., *with others,* radar scatter by large hail, **1531**
Harrap, V., *with others,* degeneracy in Ag_2Te, **2687**
Harrick, N. J., surface potential of semiconductor under metal contact, **2653**
Harris, I. A., *with K. H. V. Booth,* effect of elastically reflected electrons on characteristic of thermionic diode, **3195**
Harrison, C. W., Jr. antenna coupling error in direction finders, **4154**
— *with others,* electrically short antenna as probe for ionized region, **4134**
Harrison, D. P., auroral radio echoes at Halley Bay, **570**
Harrison, F. B., *with others,* charged particles in inner Van Allen belt, **1828**
Harrison, H. M., high-performance tape handler, **1035**
Harrison, J., *with J. W. Bunn,* ceramic permanent magnets, **641**
Harrison, S. E., *with others,* Cr-doped TiO_3 as maser material, **283**
Harrison, W. A., tunnelling from independent-particle point of view, **3706**
Harrison, W. V., *and R. S. Foote,* tunnel diodes increase digital-circuit switching speeds, **4024**
Hart, J. W., thin-film nondestructive memories, **1737**
Hartelius, C. C., *with J. S. Kouvel,* abrupt magnetic transition in $MnSn_2$, **3887**
Harten, H. U., recombination of injected charge carriers, **4341**
Harting, E., *with J. L. Pawsey,* detection of linear polarization in galactic background radiation, **1819**
Härtl, H., digital computers applied to network theory, **2120**
Hartmann, H. J., *and M. Michelitsch,* technology of tunnel diodes, **3565**
— *M. Michelitsch and W. Steinhäuser,* tunnel diode, **4332**
Hartwick, T. S., *E. R. Peressini and M. T. Weiss,* suppression of subsidiary absorption in ferrites by modulation techniques, **1949**
Hartz, T. R., *with E. L. Vogan,* ionospheric absorption on 12th November 1960, **4122**
— *with others,* electron bombardment of atmosphere at sudden commencement, **2573**
Harvey, A. F., aspects of microwave radiation, **764**
Harvey, F. K., *and M. R. Schroeder,* factors affecting two-channel stereophony, **2449**
Harvey, G. A., *with A. E. Covington,* solar noise burst of 20th November 1960, **1496**; solar flares and 10^{-7}-cm noise bursts, **4087**
— *with others,* solar noise burst 12th November 1960, **4084**
Harvey, I. K., probability distribution analyser, **3259**
Harwood, J., occurrence and movement of E_s, **2202**
Harz, H., loudspeaker with increased 'presence', **1399**; electroacoustics, **2437** *d*
Hasegawa, S., *and T. Kobayashi,* night characteristics of ionospheric waves in m.f. band, **3919**
Haselgrove, C. B., *J. Haselgrove and R. C. Jennison,* ray paths from cosmic radio source to satellite in orbit, **3758**
Haselgrove, J., *with others,* ray paths from cosmic radio source to satellite in orbit, **3758**
Hasenjäger, H., selective a.f. amplification of h.f. oscillator, **793**
Hashizume, S., *with T. Ondoh,* effect of proton gyration in outer atmosphere, **571**
Haslam, C. G. T., *with others,* radio emission from Cygnus Loop, **2931**
Haszko, S. E., *with others,* anomalous Hall effect in $AgSbTe_2$, **956**
Hatch, A. J., electron bunching in multipacting mechanism of discharge, **3325**
Hatsopoulos, G. N., *with others,* characteristics of Cs thermionic converters, **2335**
Hattori, M., *and H. Sato,* field dependence of mobility in semiconductors, **595**
Haubert, A., ionosphere at Garchy during eclipse, **2593**
Hauge, O., *with Ø. Elgarøy,* features of storm bursts at 200 Mc/s, **1495**
Hauri, E. R., transistor feedback amplifiers, **1770**; narrow-band amplification with transistors, **3692**
Haurwitz, B., tidal winds in high atmosphere, **3767**
Haus, H. A., thermal noise in dissipative media, **2145**
Hauser, W., *and L. Brown,* size effect of ferrite spheres, **2113**
Haussij, D., detection of periodic pulses in noise, **2356**
Havinga, E. E., temperature dependence of dielectric constants, **2247**
Hawkins, T. D. H., *with T. S. Moss,* interband photoconductivity in Ge, **617**
Hawthorne, E. I., *with others,* missile communication during re-entry blackout, **698**
Haycock, O. C., *and K. D. Baker,* measuring antenna impedance in ionosphere, **1419**
Hayden, E. C., instrumentation for propagation and d.f. measurements, **3788**; propagation studies using d.f. techniques, **3915**
Hayre, H. S., radar scattering cross-section applied to moon return, **4155**
Hazard, C., lunar occultation of radio source, **3362**
— *with others,* curious feature of radio sky, **1490**
Hazoni, Y., circuit with several stable states using tunnel diodes, **2884**; tunnel-diode univibrator and pulse height discriminator, **2885**; high-speed analogue/digital converter, **4014**
Hazony, D., *and H. J. Nain,* synthesis procedure for *n*-port network, **4037**
Head, J. W., *with C. G. Mayo,* simplifying Fourier integrals, **3088**
Heading, J., analytical considerations of ionospheric windows for l.f. radio waves, **1623**
Healy, J. H., *with H. L. Uphoff,* semiconducting properties of inorganic amorphous materials, **3021**
Heap, B. R., *with others,* critical concentrations in Ising and Heisenberg models, **498**
Heard, H. G., controlled rectifier produces quarter-megawatt pulse power, **3547**
Heavens, O. S., magnetic properties of epitaxial films, **981**
— *and others,* preparation of films of Ni and Ni-Fe alloys, **3876**
Hechler, L., *with A. Debel,* impedance of carbon-film resistor, **1739**
Hechtel, J. R., *and J. A. Seeger,* resistor network for solving Laplace and Poisson equations, **2479**
Heckman, H. H., *with others,* charged particles in inner Van Allen belt, **1828**
Hedderly, D. L., parametric amplification by charge storage, **2524**
Hedgcock, F. T., *with G. Fischer,* susceptibility and galvanomagnetic effects in Te, **2264**
Heer, R., *and H. Oberbeck,* FM220/2200: modulation equipment, **3150**
Heeschen, D. S., *and B. L. Meredith,* secular variation of flux density of Cassiopeia-A, **2932**
Heffner, H., *and G. Wade,* noise figure and gain of parametric converters, **1111**
Hefley, G., *R. H. Doherty and R. F. Linfield,* investigation of sferic activity, **2226**
— *R. F. Linfield and T. L. Davis,* Ephi system for v.l.f. d.f., **2609**
Hefni, I., negative resistance in junction diodes, **4336**
Heightman, D. W., reliability in domestic radio and television receivers, **3171**
Heijligers, H. J. M., *with others,* fluorescence of activated ZnS phosphors, **909**
Heikkila, W. J., *with A. W. Adey,* rocket electron-density measurements, **2199**
Heilmeier, G. H., solid-state analogue to travelling-wave amplifier, **2904**
Heim, D. S., *with W. J. Lindsay,* design for spinning-goniometer automatic d.f., **3792**
Heiman, F. P., 100-Mc/s tunnel-diode ring counter, **3286**
Heimann, W., *with others,* measurements on multi-alkali photocathodes, **582**
Hein, R. A., *and R. L. Falge, Jr,* differential paramagnetic effect in superconductors, **3864**
Heinecke, W. J., *and S. Ing, Jr,* surface kinetics of Ge-I_2 reaction, **4185**
Heinzelmann, G., *with others,* correlation measurements on frequency diversity, **4284**
Heisler, L. H., vertical characteristics of travelling ionospheric disturbances, **1844**
— *and J. D. Whitehead,* F-region travelling disturbances, and E_s ionization, **177**, velocities of, **3396**
Heizman, C. L., microwave bistable circuits using varactor diodes, **2107**
Hekimian, N. C., phantastron circuits using transistors, **1759**
Helberg, H. W., *with others,* reverberation chamber for e.m. waves, **2325**
Held, G., *with G. S. Saran,* field strength measurements in fresh water, **36**
Held, W., *and K. Wenzel,* skin effect in tubes and coaxial lines, **16**
Hellenthal, W., slow magnetization processes in thin films, **2311**; Curie temperature of Ni films, **4220**
Heller, H., voice-frequency f.m. telegraphy system, **324**
Heller, T., endfire aerials in microwave region, **2852**; super-gain aerials, **4010**
Hellerman, L., *and E. J. Shiko,* analysis of circuit transient performance, **1740**
Hellicar, N. J., *with P. Baxter,* properties of Pb-Ba niobates, **1545**
— *with others,* effect of additives of limited solubility on $BaTiO_3$ ceramics, **2641**
Helliwell, R. A., exospheric electron density variations deduced from whistlers, **3777**
— *with R. L. Smith,* electron densities deduced from nose whistlers, **191** *d*
Henderson, G. C., analogue-digital converter, **54**
Henderson, R. E., telemetry signals from Sputnik III, **1506**
Hendry, E. D., *and W. E. Turk,* improved image orthicon, **1657**
Henisch, H. K., *and B. R. Marathe,* electroluminescence due to carrier accumulation, **912**
Henke, O., *and G. Stricker,* waveguide techniques, **1067**
Henne, W., *with R. Johne,* electron gun for hollow beam, **3581**
— *with others,* influence of mechanical vibrations on reflex klystrons, **3588**
Henoch, B. T., parametric travelling-wave amplifiers, **809**
Hensel, J. C., *and G. Feher,* valence-band parameters in Si from cyclotron resonances, **605**
— *with others,* paramagnetic resonance absorption from acceptors in Si, **606**
Hensley, E. B., thermionic emission constants, **2041**
Hepburn, F., analysis of smooth-type atmospheric waveforms, **200**
Herbst, L. J., *and J. R. W. Smith,* pulse-sampling voltmeter for transistor testing, **3509**
Herlofson, N., diffusion of particles in radiation belts, **532**
Hermann, P. K., dynamic behaviour of Bloch walls, **4228**
Hermsdorf, L., *and J. Meinhardt,* frequency response of power transistors, **730**
Herndon, T. O., *with others,* magnetic film memory design, **1087**
Hernqvist, K. G., plasma synthesis applied to thermionic energy converters, **2748**
— *with A. L. Eichenbaum,* space-charge instabilities in synthesized plasmas, **1460**
— *with others,* construction of thermionic energy converter, **707**
Herold, H., *and A. Lenk,* capacitive probe for vibration measurement, **299**
Hérou, R., international electrical units, **3899**
Herrinck, P., formation of F_2 layer at Léopoldville-Binza, **875**
— *and J. Goris,* world maps of f_0F_2, **2589**
Herring, C., effect of random inhomogeneities in electrical measurements, **816**
Herring, J., *and L. Kyle,* density in planetary exosphere, **3404**
Herriott, D. R., *with others,* continuous optical maser action in gas discharge, **1812**
Herrmann, G., idler noise, **811**
Herrmann, O., *and W. Schüssler,* filters with favourable transient characteristics, **1751**
Hersch, W., surface-wave aerial, **420**
Hershberger, W. D., *with others,* propagation at 36 Gc/s in Los Angeles basin, **1286**
Hertzberg, M., ion-neutral reactions, **1838**
Hervé, J., line structure in paramagnetic resonance, **836**
— *and M. Sauzade,* variation of magnetic moment in Y garnet, **277**
Herz, R., wide-band paraboloidal aerials, **427**
— *with E. Gillitzer,* circular waveguide for radio-link systems, **2844**
Herzberg, L., NO formation during polar-cap absorption, **554**
Herzog, W., filter networks of *n* half-sections, **456**; constant frequencies for c.w. radar, **579**; characteristic impedance in filter pass band, **1434**; extension of filter circuit possibilities, **1750**; insertion characteristics of cascaded circuits, **2493**; replacement of cascade of quadripoles, **2878**; cascaded nonreversible quadripoles, **2879**; crystal filter of increased bandwidth, **4035**
Hess, H. A., *with others,* ionospheric Faraday effect, **2760**; simultaneous observations of 1958 δ2, **3756**
Hess, W. N., radiation belt produced by neutrons leaking from earth's atmosphere, **527**
— *and others,* outer-belt electrons and neutron decay hypothesis, **4092**
Hewish, A., *with others,* radio star observations using aperture synthesis, **2557**
Hey, J. S., radio telescope interferometer at R.R.E., **3360**
— *and V. A. Hughes,* Malvern 45-ft radio telescope, **1084**
Heymann, F. F., *with others,* 29-MeV microtron, **1971**
Heyna, E., air-conditioning plant of Bisamberg transmitter, **1664** *l*
Heynisch, H., resonance backward-wave oscillator, **3596**
— *with W. Eichin,* electrically tunable microwave oscillator, **3203**
Heywang, H., application of line equations to circuit elements, **56**
Heywang, W., *with G. Winstel,* band structure of strongly doped semiconductors, **4201**
Hiatt, R. E., *T. B. A. Senior and V. H. Weston,* surface roughness of spheres, **834**
Hibberd, R. G., *with others,* Si power rectifiers, **4315**
Hibbs, A. R., program for lunar and planetary exploration, **3750**
Hickin, E. M., radio wave propagation and attenuation in troposphere, **1019**
Hickman, C. E., *H. P. Neff and J. D. Tillman,* theory of single-ring antenna array, **3641**
Hiedemann, E. A., *with B. D. Cook,* diffraction of light by ultrasonic waves, **3988**
Hieke, M., *E. Max and H. G. Müller,* internal stress energy of Bloch walls, **4205**
Higgs, R. W., *and T. A. Litovitz,* ultrasonic absorption and velocity in molten salts, **385**
Higgy, R. C., *with J. D. Kraus,* satellite ionization phenomenon, **863**
Hiidome, S., *with S. Ishikawa,* F_1 layer, **2958**
Hilberg, W., switches using junction transistors, **57**; Eccles-Jordan transistor circuit for high-speed counters, **1760**; heat dissipation of transistors, **2030**; ferrite toroids as switching elements, **4023**
Hilibrand, J., *and C. F. Stocker,* design of varactor diodes, **1337**
Hilke, O., *with others,* Elbe-Weser shore-based radar system, **1530**
Hill, A. E., *with others,* generation of optical harmonics, **4075**
Hill, E. R., *with others,* radio sources between declination −20° and −50°, **1815**
Hill, G. E., ionospheric disturbances following solar flare, **555**; effects of corpuscular emissions on polar ionosphere, **4136**
Hill, J. C., *with J. G. Davies,* radio echo measurements of meteor orbits, **1151**
Hill, J. D., *with R. A. Johnson,* d.c. level control for adaptive systems, **2385**
Hill, J. J., calibration of standard current transformers to 20 kc/s, **3099**
— *and A. P. Miller,* a.f. current transformers, **2867**
Hill, P. C. J., *with D. Gabor,* television band compression by contour interpolation, **3163**
Hill, R. M., *and F. A. Olson,* microwave oscillation and detection by smooth-anode coaxial magnetron, **758**
Hiller, G., *with W. Jasinski,* noise temperature of gas-discharge noise source, **2326**
Hills, F. J., *with others,* construction of thermionic energy converter, **707**
Hilsum, C., galvanomagnetic effects and application, **1904**
— *with others,* ionic charge of GaAs from measurements of dielectric constant, **3460**

Hilton, W. F., *and B. Stewart,* attitude stabilization and station keeping for communication satellites, **4362**

Hinchey, F. A., *with R. H. Duncan,* cylindrical antenna theory, **34**

Hinchliffe, J. D. S., coaxial cables for television distribution, **2839**

Hines, C. O., internal atmospheric gravity waves, **1843**

Hinteregger, H. E., solar extreme ultraviolet radiation, **4098**

Hinzpeter, M., meteorological measurement techniques, **677**

Hirai, M., *M. Fukushima and Y. Kurihara,* amplitude correlation in u.h.f. transhorizon propagation, **1982**

— *R. Inoue and Y. Kido,* variation in received signal power with narrow-beam antennas rotated horizontally, **2001**

— *and others,* u.h.f. overland propagation beyond horizon, **318**

— *with S. Kawaguchi,* harmonic distortion factor of transistors, **734**

Hirakawa, K., *with others,* mechanism of conduction in CdSe, **2621**; electrical properties of ZnTe, **3850**

Hirao, K., *with others,* ion density measurements by sounding rocket, **1850**

Hirono, M., cross-relaxation in maser materials, **2925**, **4239**

— *and H. Akima,* variations of corpuscular radiation observed by satellite 1958 ϵ, **535**

Hirsch, A. A., influence of magnetic field on resistance of ferromagnetic layers, **1941**

Hirsch, R. L., electrode spacing in Cs thermionic converters, **1010**

Hirshfield, J. L., *and S. C. Brown,* incoherent microwave radiation from plasma, **3336**

Hiruta, Y., electrodes of 100-kc/s GT-cut crystal, **62**; methods of adjusting frequency and temperature-coefficient of crystals, **291**

Hlawiczka, P., maser in satellite communication systems, **4057**

Ho, Cho Yen. See Cho Yen Ho

Hoagland, A. S., *and G. C. Bacon,* digital magnetic recording techniques, **1316**

Hobbs, D. S., *with others,* automatic particle counter and sizer, **1967**

Hochrath, H., *with W. von Guttenberg,* compandor for broadcast transmission, **719**

Hockings, E. F., thermal conductivity of $AgSbTe_2$, **4192**

— *with others,* semiconductors for thermoelectric power generation, **2747**

Hodges, A. J., *with others,* high-efficiency solar-conversion GaAs junction, **2381**

Hoesterey, D. C., *with others,* piezoresistance and piezocapacitance effects in $(Ba,Sr)TiO_3$ ceramics, **2644**

Hoffman, G. R., *and D. H. Smith,* emission of electroluminescent cells energized by pulses, **914**

— *D. H. Smith and D. C. Jeffreys,* light output from electroluminescent storage systems, **437**

— *with D. C. Jeffreys,* electroluminescent matrix for pattern display and recording , **3907**

Hoffman, H. J., *with R. Unbehauen,* reflection of e.m. waves at plane metal surface, **3341**

Hoffman, J. H., *with others,* measurement of temperature of upper atmosphere, **171**

Hoffman, K., beyond-horizon radio link, **1635**

Hoffman, R. A., *with others,* cosmic rays and soft radiation 5×10^8km from earth, **142**

Hoffmann, H., magnetic properties of very thin Fe films, **4219**

Hofmann, R., analysis of pulse networks, **1763**

Hofmeister, E., *with others,* surface currents in inversion layers on semiconductors, **2799**; extensive current paths in space-charge regions in semiconductor, **3180**; influence of surface currents on point-contact rectifiers, **3561**

Högbom, J. A., structure and magnetic field of solar corona, **1153**

— *and J. R. Shakeshaft,* secular variation of flux density of radio source Cassiopeia *A*, **1492**

Hogg, D. C., *and R. A. Semplak,* effect of rain on noise level of microwave system, **1024**

— *with others,* project Echo horn-reflector antenna, **3646**

Hohmann, J., *with F. Young,* characteristics of ridge waveguides, **1068**

Hojo, H., changes in f_{min} at Kokubunji, **173**; calculation of $N(h)$ profiles from $h'(f)$ curves, **1509**, **2963**

Holaday, R. E., *with D. A. Dunn,* electron trajectories in nonuniform magnetic field, **4079**

Holdridge, D. B., *with others,* solar pressure perturbations of Echo I, **1158**

Hole, R. D., noise generation by coaxial cables, **772**

Holeman, B. R., *with others,* ionic charge of GaAs from measurements of dielectric constant, **3460**

Hölken, U., compensation of voltage drift in transistor d.c. amplifier, **3690**

Holland, J., variable-bandwidth band-pass filter, **1436**

Hollander, L. E., *with G. L. Vick,* ultrasonic measurement of elastic moduli of rutile, **254**

Hollander, L. E., Jr, *and P. L. Castro,* anisotropic conduction in TiO_2, **623**

Holle, J., *with others,* band-IV/V television transmitters, **1660**

Holly, F. E., *L. Allen, Jr, and R. G. Johnson,* radiation measurements to 1500 km altitude, **3368**

Holman, R. H., *and R. B. Shields,* measuring frequency stability of pulsed signals, **3108**

Holmes, J. C., *with others,* measurement of temperature of upper atmosphere, **171**

Holmes, J. N., *and J. N. Shearme,* correlator employing Hall multipliers for vocoder analysis, **(D)2450**

Holoch, G., sound generation by light-spot scanning of stencils, **3617**

Holonyak, N., Jr, states in forbidden gap of degenerate GaAs and InP, **1666**

— *with others,* solid-state device aspects of microsystem electronics, **765**

Holroyd, P., *and G. P. Jones,* information theory, **1303**

Holscher, P. C., *with others,* backward waves in magnetized ferrite rods, **1729**

Holstein, T. D., *with E. N. Adams,* quantum theory and transverse galvanomagnetic phenomena, **4064**

Holt, D. B., dangling bonds in III-V compounds, **1208**

Holt, F. R., *with others,* stereophonic system for e.m. broadcast band, **1311**

Holte, J. E., *and R. F. Lambert,* synthesis of stepped acoustic transmission systems, **2439**

Honey, R. C., *and E. M. T. Jones,* u.h.f. travelling-wave variable-reactance amplifier, **478**

Hönicke, H., distortion in l.f. junction transistors, **1675**

Honma, A., *with T. Oguchi,* ferro- and antiferromagnetic resonance absorption, **2171**

Hoop, A. T. de. See de Hoop, A. T.

Hooper, J., locating faults, in waveguide aerial feeders, **2478**

Hope, E. G., *with others,* hyperfine splitting of Rb-87, **1268**

Hope, E. R., low-latitude and high-latitude geomagnetic agitation, **2189**

Hopf, H., *with others,* television reception in band IV, **708**

Hopfield, J. J., *and D. G. Thomas,* exciton spectrum of CdS, **3000**

— *with K. J. Collins,* polarization of edge emission in CdS, **1195**

— *with D. G. Thomas,* observation of exciton motion in CdS, **905**

Hopkins, D. C., *with others,* critical fields of superconducting Sn, In and Ta, **969**

Hopkins, R. U. F., *with others,* properties of tropospheric scattered fields, **2341**

Hora, H., *with others,* multi-alkali photocathodes, measurements on, **582**, photoemission of, **2616**

Horgan, J. D., *with others,* two-wire mm-wave surface transmission, **2845**

Horiuchi, S., *with others,* diffusion coefficient of B in Si, **939**

Horn, F. H., growth of single-crystal Fe ferrite by Czochralski method, **3084**

Horner, F., thunderstorms of 5th September 1958, **196**; narrow-band atmospherics from local thunderstorms, **2984**

Hornstra, J., dislocations, stacking faults and twins in spinel structure, **990**

Hornung, H., *with others,* CdS crystals, change of structure due to evaporation, **2238**, influence of annealing on, **2241**

Horowitz, P., *with others,* computer-generated displays, **1086**

Horowitz, S., *and L. Humphrey,* satellite sounder and telemeter, **3388**

Horton, C. W., *and G. S. Innis, Jr,* computation of far-field radiation patterns, **3984**

Hoshino, R., proton magnetic resonance in ferroelectric $(CH_3NH_3)AlSO_4$, **4169**

Hoskins, R. H., *with others,* paramagnetic resonance of Cr^{3+} in Y_2O_3, **3497**; stimulated optical emission of fluorescent solids, **4077**

Hosova, S., *with others,* ferromagnetic resonance absorption of Ni films, **4224**

Hotston, E. S., dielectric measurements with cavity resonators, **2327**

Houde, A. L., cross-tie domain walls observed by Faraday effect, **3880**

Houlding, N., measurement of varactor quality, **1609**

House, R. N., Jr, maximum-power criterion for vibrating free-edge disk, **3217**

Houten, S. van. See van Houten, S.

Howard, I. D., *with C. W. McCutchen,* low-impedance capacitor design, **2872**

Howard, W., *with others,* pressure dependence of ZnO resistivity, **621**

Howard, W. E., III, *with others,* solar radio bursts at sunspot maximum, **849**

Howe, H. H., solution of Riccati's differential equation, **287**

Howland, B., square-wave inductance bridge, **305**

— *with R. S. Berg,* wide-band shielded toroidal r.f. transformers, **4021**

Howson, D. P., modulation products in rectifier modulators, **2143**

Hoyle, F., *and J. G. Ireland,* transference of angular momentum within galaxy, **843**; magnetic structure of galaxy, **2555**

Hsu, F. S. L., *with others,* production of magnetic fields by superconducting solenoid, **1795**; superconductivity in Nb_3Sn, **1934**

Hsu, H., *and S. Wanuga,* wide tuning range of backward travelling-wave parametric amplifiers, **3697**

Hsu, H. P., aperture fields in diffraction by slit, **508**

Hu, M. K., measurements of microwave field distributions, **663**; Fresnel-region fields of circular apertures antennas, **2097**

Hu, Y. Y., determining phase centres for e.m. horns, **3643**

Hubbard, C. H., *L. A. LoSasso and E. Rousso,* microwave isolator combines Hall effect and tunnel diodes, **3247**

Hubbard, F. C., *with C. J. Cohen,* algorithm for integration of orbits, **547**

Huber, F., *with others,* ion size effect in electrolytic rectification, **842**

Huber, F. R., *and H. Rudat,* Goubau line for transmitters, **22**

Hubert, P. L., *with W. S. Cambbell,* ionospheric disturbance 12th and 16th November 1960, **4118**

Hubner, K., *with others,* diffusion along small-angle grain boundaries in Si, **4182**

Hudson, R. H., *with others,* solar pressure perturbations of Echo I, **1158**

Huey, R. M., *O. Pawloff and T. Glucharoff,* extension of describing-function technique, **704**

Huggins, R. A., *with W. D. Nix,* domain configurations about nonmagnetic particles in Fe, **2705**

Hughes, D. G., *and D. K. C. MacDonald,* resonance line-shape functions, **3728**

Hughes, M. P., solar radio emissions and geophysical disturbances, **1823**

Hughes, V. A., *with J. S. Hey,* Malvern 45-ft radio telescope, **1084**

Hügli, H., attenuation effect of tiled roof, **4005**

Huiszoon, C., *with others,* power stabilizer for f.m. microwave oscillators, **671**

Hulliger, F., magnetism and conductivity of compounds with transition elements, **1890**

— *with G. Busch,* minerals as prototypes of new semiconductors, **2656**

Hulme, K. F., *and J. E. Kemp,* diffusion coefficient of Zn in InSb, **4195**

— *with J. B. Mullin,* orientation-dependent distribution in melt-grown InSb, **1929**

Hultqvist, B., *and G. Gustafsson,* magnetic time dependence of auroral zone currents, **887**

— *with others,* simultaneous observations of 1958 δ2, **3756**

Humphrey, L., *with S. Horowitz,* satellite sounder and telemeter, **3388**

Hunsucker, R. D., *with others,* focusing at skip distance, **(D)1292**

Hunt, D. C., *and T. E. Van Zandt,* photoionization heating in F region, **3394**

Hunt, L. E., *with others,* project Echo horn-reflector antenna, **3646**

Hunten, D. M., temperatures deduced from aurora and airglow spectra, **4144**

Hunton, J. K., analysis of microwave measurement techniques, **306**

Hurd, R. A., e.m. diffraction at unidirectionally conducting surfaces, **1800**; diffraction of scalar wave by small circular aperture, **3725**

Husimi, K., *K. Nishiguchi and T. Suzuki,* ultrasonic measurement of magnetization in Mn ferrite, **654**

Husson, G., *and B. N. Sherman,* transistorized frequency synthesizer, **2735**

Hutchins, R., *RC* amplifier using transistors, **1447**

Hutchinson, M., *with others,* phase modulation of t.w. tubes, **754**

Hutson, A. R., *and others,* pressure dependence of ZnO resistivity, **621**

Huttly, N. A., mixing two noisy signals, **1628**

Hüttmann, E., principle of superposition in aerial design, **4004**

Huxley, L. G. H., ions and electrons in gases, diffusion and drift of, **823**, motions of, **1788**

Hymans, A. J., measurements on transmission-line ring hybrid, **4259**

— *and J. Lait,* f.m. c.w. ranging system, **(D)2613**

Ibuki, S., *H. Komiya and H. Yamashita,* anomalous photovoltaic effect of CdS, **1876**

— *with others,* electroluminescence of CdS, **1885**

Ichijo, B., *and T. Arai,* reactance meter, **2741**

Ichimiya, T., *and others,* ion density measurements by sounding rocket, **1850**

Ida, I., *and Y. Arai,* v.h.f. crystal polishing and nature of polished quartz surfaces, **593**

Iglitsyn, M. I., *and L. I. Kolesnik,* effect of linear dislocations on carrier recombination in Ge, **3033**

Ignatius, A., *with others,* backward waves in magnetized ferrite rods, **1729**

Iida, S., *with others,* effect of cation valencies on magnetic annealing of $Co_xFe_{3-x}O_4$, **1257**; residual magnetization at low-temperature transition in αFe_2O_3, **1939**

Iiguchi, S., mode conversion in excitation of TE_{01} waves, **2464**

Iijima, H., terminal equipment for 12-Mc/s system on coaxial pairs, **1304**

Ikeda, M., *with others,* u.h.f. overland propagation beyond horizon, **318**

Ikegami, H., *with others,* plasma resonance in r.f. probe, **107**

Ikegami, S., *I. Ueda and Y. Ise,* optical absorption and conductivity of $BaTiO_3$, **3011**

Ilias, D., *with others,* ionospheric absorption and solar activity in intermediate latitudes, **4123**

Imhof, W. L., *with others,* energy spectrum and distribution of trapped electrons, **4091**

Imrie, K. S., *with K. Landecker,* high-power pulse transmitter, **2019**

Imyanitov, I. M., *and E. V. Chubarina,* e.s. field in free atmosphere, **160**

Inawashiro, S., *with Y. Nomura,* transmission of acoustic waves through thick wall, **2063**

Ing, S., Jr, *with W. J. Heinecke,* surface kinetics of $Ge-I_2$ reaction, **4185**

Ingalls, R. P., *L. E. Bird and J. W. B. Day,* band-pass measurements of lunar reflection circuit, **2006**

— *J. C. James and M. L. Stone,* space communications using moon as reflector, **4298**

— *with others,* fading rate of moon-reflected u.h.f. signals, **316**

Ingold, J. H., maximum efficiency of thermionic converter, **3121**

Ingrao, H. C., *and J. M. Pasachoff,* response profile of photomultipliers, **4352**

Inn, E. C. Y., origin of D region, **1165**

Innes, R., radiation and environmental effects on satellites, **4113**

Innis, G. S., Jr, *with C. W. Horton,* computation of far-field radiation patterns, **3984**

Inoue, R., *with others,* u.h.f. overland propagation beyond horizon, **318**; variation in received signal power with narrow-beam antennas rotated horizontally, **2001**

Inoue, T., *H. Mizuta and S. Iida,* effect of cation valencies on magnetic annealing of $Co_xFe_{3-x}O_4$, **1257**

Inuishi, Y., *with K. Matsuura,* annealing of radiation damage in Si, **2673**

— *with J. Shirafuji,* effects of vacancies on pulse photoconduction in CdS, **4163**

— *with others,* Ge *p-n* junction, *1/f* noise in, **2699**, slow decay in field effect on, **3847**

Ioffe, A. F., *with A. V. Ioffe,* thermal conductivity of semiconductor solid solutions, **930**

Ioffe, A. V., *and A. F. Ioffe,* thermal conductivity of semiconductor solid solutions, **930**

Ioffe, V. A., *I. B. Patrina and I. S. Poberovskaya,* electrical properties of semiconducting oxide glasses, **2657**

Iosifescu, B., *with others,* temperature dependence of work function of metals (Mo, Ni), **3477**

Ipatova, I. P., *with L. E. Gurevich,* Faraday effect in semiconductors, **229**

Ireland, J. G., *with F. Hoyle,* transference of angular momentum within galaxy, **843**; magnetic structure of galaxy, **2555**

Irie, H., *with A. Takakira,* maritime advective duct and effect on microwave propagation, **1981**

— *with others,* v.h.f., u.h.f. and s.h.f. propagation beyond horizon, **317**

Irving, B. A., preparation of Ge and Si films, **1909**

Isaac, E. D., *with D. J. Craik,* magnetic interaction domains, **258**

Isakovich, M. A., nonlinear effects in acoustic problems, **3215**

Isbell, D. E., log-periodic dipole arrays, **1077**

Ise, Y., *with others,* optical absorption and conductivity of $BaTiO_3$, **3011**

Ishida, T., *with K. Furutsu,* amplitude distribution of impulsive random noise, **893, 3923**

Ishii, K., reflex klystrons as mm-λ detectors, **375**; noise figures of reflex-klystron amplifiers, **747**

— *and A. L. Brault,* crystal biasing improves mm-wave detector, **3321**

— *J. B. Y. Tsui and J. D. Horgan,* two-wire mm-wave surface transmission, **2845**

— *J. B. Y. Tsui and F. F. Y. Wang,* mm-wave field-displacement isolators, **2463**

— *with others,* resonance of Ba ferrite at mm λ, **4229**

Ishikawa, M., *with others,* F-layer and sporadic-E scatter at v.l.f. in Far East, **1979**

Ishikawa, S., *and S. Hiidome,* F_1 layer, **2958**

— *and K. Muramatsu,* observational results of f_{min} at Yamagawa, **871**

Ishimaru, A., *with D. Dobrott,* E–W effect on v.l.f.-mode transmission, **1992**

Isted, G. A., *with others,* radar echoes from aurora at 1300 Mc/s, **1176**

Istomin, V. G., Mg and Ca ions in upper atmosphere, **2197**

Ittner, W. B., III, critical fields of thin superconducting films, **626**

Itzkan, I., *with P. J. Crepeau,* interaction circuit for travelling-wave tubes, **1691**

Ivanov, Yu. L., *with others,* diffusion of minority carriers in magnetic field, **2661**

Ivanova, E. N., *with G. D. Shemanaev,* locking of two-circuit oscillator, **3673**

Ives, M. B., *with F. C. Frank,* orientation-dependent dissolution of Ge, **944**

Ivko, V. M., *with L. G. Sapogin,* equipment for measuring and recording resistance of semiconductors, **3102**

Iwasaki, H., etching patterns on $K_3Co(CN)_6$, **991**

— *with others,* effect of solar activity on earth's rotation, **159**; ferroelectricity in potassium ferrocyanide group, **591**

Izhak, I. A., *with F. I. Kolomoitsev,* depolarization charge of $BaTiO_3$, **2253**

Izumi, H., Si cryosar, **3658**

Izuyama, T., collective excitation of electrons in degenerate bands, **827, 2176**

Jaccarino, V., *with others,* nuclear quadrupole resonance in antiferromagnet, **3070**; test of spin-wave theory of ferromagnet, **4204**

Jacchia, L. G., atmospheric-density model from satellite accelerations, **182**

Jäckle, W., dielectric constant of Rochelle salt, **1200**

Jackson, J. A. C., radio-link aerials for 4-Gc/s band, **2475**

Jacobs, H., microwave determination of carrier lifetime, **4251**

— *and others,* electrodeless measurement of semiconductor resistivity, **2730**

Jacobs, I. S., *and J. S. Kouvel,* exchange anisotropy in mixed manganites, **3082**

Jacobs, J. A., *and K. Sinno,* characteristics of geomagnetic micropulsations, **1502**

Jacobsen, E. H., sources of sound in piezoelectric crystals, **1**

Jacobson, M. J., *and R. J. Talham,* comparison of four directional-receiver correlators, **2835**

Jacobson, R. L., *with R. K. Mueller,* growth twins in InSb, **2292**

Jaecklin, A. A., storing decimal digits, **2480**

Jaeschke, F., colour-television demodulators, **4317**

Jaffe, B., antiferroelectric ceramics with field-enforced transitions, **3814**

Jaffe, H., *and C. S. Smith,* elastic constants of ADP and Laval theory of crystal elasticity, **2646**

Jager, C. de. See de Jager, C.

Jager, J. T. de. See de Jager, J. T.

Jaggi, R., potentials in conductor of varying cross-section, **2908**

Jahn, G., curves of equal loudness, **1392**

— *with others,* large anechoic chamber, **393**

Jahn, R. G., *with F. A. Albini,* reflection and transmission of e.m. waves at electron density gradients, **1619**

Jakes, W. C., Jr, transatlantic communication experiment via Echo I satellite, **3148**; Bell laboratories in project Echo, **3934**

— *with C. L. Ruthroff,* project Echo system calculations, **3935**

Jakowatz, C. V., *and G. M. White,* self-adaptive filter for signal in noise, **1999**

Jamerson, F. E., *with K. P. Luke,* l.f. oscillations in Cs diode converter, **1970**

James, D. A., multiple-transit amplification by travelling-wave tube, **1690**

James, F. H., Q-factor measurement of resonator, **3105**

James, J. B. magnetic-core buffer store, **439**

James, J. C., *with others,* space communications using the moon as reflector, **4298**

James, J. R., *and D. J. Bradley,* transistor frequency response, **1668**

James, P., *and A. F. Newell,* switching times for transistors, **1348**

Jamison, B. C., *with others,* interstitial channels for TD-2 system, **1028**

Janáč, K., *with S. Vojtášek,* qualitative investigation of oscillator, **461**

Jancel, R., *and T. Kahan,* statistical mechanics and dynamics of plasmas, **3716**

Jansen, B., measuring the thickness of diffused layers, **3094**

Jäntsch, O., surface breakdown of Si p-s_p-n rectifiers, **1037**

Janus, G., p.a.m. method of stereophonic broadcasting, **334**

Janz, G. J., *and J. D. E. McIntyre,* precise conductance bridge, **3904**

Járfás, T., *with others,* subjective investigations of reverberation time, **1714**

Jasinski, W., gain of travelling-wave parametric amplifier, **808**

— *and G. Hiller,* noise temperature of gas-discharge noise source, **2326**

Jaskolski, T. M. J., problems of u.h.f. television, **2790**

Jastrow, R., *and R. Bryant,* variations in orbit of Echo satellite, **548**

Jaumann, J., *with G. Haacke,* Bloch wall movement in ultrasonic fields, **2306**

Javan, A., *W. R. Bennett, Jr, and D. R. Herriott,* continuous optical maser action in gas discharge, **1812**

Jaye, W. E., *R. B. Dyce and R. L. Leadabrand,* radar echoes from 1957 α and β, **1163**

— *with others,* 106-1-Mc/s auroral echoes following solar event, **2604**

Jaynes, E. T., *with M. P. Forrer,* resonant modes in waveguide windows, **29**

Jeanes, R. V., *and K. E. G. Pitt,* thermoelectrically cooled probe, **1899**

Jeener, J., frequency stabilization for r.f. spectrometer, **1805**

Jeffery, J. W., Fourier synthesizer using dekatron counters, **2101**

Jeffreys, D. C., *and G. R. Hoffman,* electroluminescent matrix for pattern display and recording, **3907**

— *with others,* light output from electroluminescent storage systems, **437**

Jekelius, K., bandwidth compression of radar signals, **1527**

Jelenski, A., *with F. Bertein,* signal transmission by degenerate parametric amplifier, **91**

Jelinek, L., test and monitoring rack of Bisamberg transmitter, **1664** *h*

Jelley, J. V., *and B. F. C. Cooper,* ruby maser for 21-cm observations, **2521**

Jellinghaus, W., *and M. P. de Andrés,* Hall effect in Fe-Co series, **3481**; influence of neighbour elements of Fe on Hall effect, **3482**; Hall effect in mixed-crystal series of Fe, **4211**

Jelly, D. H., *with C. Collins,* ionospheric disturbances at time of cosmic-ray increases, **1169**

— *with others,* h.f. blackouts during solar cycle, **2351**

Jenkins, A. W., Jr, *with L. Tterlikkis,* magnetization of Ni single crystals, **3873**

Jenkins, W. H., *with H. A. Brounens,* continuously variable glass delay line, **1444**

Jennings, R. E., *with others,* 29-MeV microtron, **1971**

Jennison, R. C., satellite techniques for survey of radio sky, **4110**

— *with others,* ray paths from cosmic radio source to satellite in orbit, **3758**

Jenny, F. F., *with W. N. Carroll,* design techniques for multilayer thin-film networks, **3264**

Jerrard, R. P., vibration of quartz plates, **60**

Jesperson, J. L., *with others,* scintillations of radio source Cygnus-A, **4088**; extraction of phase and amplitude information from modulated signal, **4283**

Jirsa, K., marine distress beacon, **2989**

Johansen, I. J. T., *with D. A. Powers,* electric strength of rutile, **3467**

Johler, J. R., magneto-ionic propagation phenomena at l.f. and v.l.f., **1990**

Johne, R., *and W. Henne,* electron gun for hollow beam, **3581**

Johnson, B. R., pulse-duration coding for Australian d.m.e. system, **3417**

Johnson, C. C., *with R. W. Gould,* coupled-mode theory of electron-beam parametric amplification, **2047**

Johnson, C. Y., *and others,* measurement of temperature of upper atmosphere, **171**

Johnson, F. A., *with others,* lattice absorption bands in InSb, **1238**

Johnson, F. M., direct conversion of heat to electromagnetic energy, **2749**

Johnson, F. S., exosphere and upper F region, **191** *a*; geomagnetic field in solar wind, **539**

Johnson, M. H., *and B. A. Lippmann,* e.m. signals from nuclear explosions in space, **202**

Johnson, R. A., *and J. D. Hill,* d.c. level control for adaptive systems, **2385**

Johnson, R. E., *with others,* microwave emission from optically pumped atomic system, **516**

Johnson, R. G., *with others,* radiation measurements to 1500 km altitude, **3368**

Johnston, J. S., alphanumeric display for radar data handling, **3797**

Johnston, T. W., expansions of Boltzmann's equation, **1265**; time-averaged effects on charged particles in a.c. fields, **1784**

Johnston, W. R., multiaperture-core counters give nondestructive read-out, **3287**

Jones, D. E., microwave temperature of Venus, **2933**

Jones, E., *with others,* optical calibration of vibration pickups, **3603**

Jones, E. M. T., wide-band strip-line magic-T, **23**

— *with R. C. Honey,* u.h.f. travelling-wave variable-reactance amplifier, **478**

Jones, G. P., *with P. Holroyd,* information theory, **1303**

Jones, H. M., *with I. I. Shapiro,* Echo satellite, perturbations of orbit of, **1157**, loss of mass in, **2194**

Jones, H. W., *and P. A. H. Saunders,* swept Langmuir probe system, **1456**

Jones, I. L., radio stellar scintillations, **180**

— *with G. F. Fooks,* correlation analysis of fading of radio waves, **2347**

Jones, J. P., *with others,* electron radiation damage in unipolar transistor devices, **4347**

Jones, R. H., measurements on PbSe crystals grown from vapour, **965**

— *with others,* lattice absorption bands in InSb, **1238**

Jones, R. V., *with I. P. Kaminow,* microwave resonance properties of spinel and garnet ferrites, **4236**

Jones, S. G., *and R. S. McClean,* cathode-coupled cascode stabilizer circuit, **3948**

Jordan, A. G., *and R. Elco,* Esaki diodes as superregenerative detectors, **726**

Joseph, R. I., *and E. Schlömann,* magnetostatic modes in magnetized cylinders, **3350**

— *with E. Schlömann,* instability of spin waves and magnetostatic modes, **3351**

Joshi, G. H., energy conversion mechanism in bounded magnetized current-carrying plasma, **2914**

Jouguet, M., radial discontinuities in circular waveguide, **2080**; effect of guide irregularities in TE_{01}-wave transmission, **3238**

Joy, W. R. R., *with others,* factors influencing 3-cm radio-wave propagation over sea, **3128**

Judd, F. C., aerial measurements, **414**

Jung, L., electroluminescence in television, **4322**

Jung, P., frequency stabilization for reflex klystrons, **749**

Jungk, G., *with F. Eckart,* Hall effect and conductivity of Ge films, **2283, 3458**

Jungmeister, H. G., active filters for measurement of pulse frequency spectra, **2882**

— *and H. L. König,* filters for extremely low frequencies, **2121**

Junod, P., structure and properties of Ag_2S, Ag_2Se, Cu_2Se compounds, **1924**; Brillouin zones, bonds and conduction of Ag_2S and Ag_2Se, **1925**

Jurkus, A., *and P. N. Robson,* gain saturation in travelling-wave parametric amplifier, **4059**

Jury, E. I., Laurent-Cauchy transforms, (D)**994**; modified z-transform theory, **1267**

Justice, W. H., *with others,* photoelectric beam-index colour television system, **4321**

Käch, A., solution of ordinary and partial differential equations, **3894**

Kaden, H., multiterminal couplings of rectangular waveguide, **3629**

Kadri, F. V., frequency and phase control in transistor converter circuits, **3546**

Kaduk, B. G., errors in measuring phase shift, **3901**

Kaenel, R. A., one-tunnel-diode flip-flop, **1761**, (D)**4041**

Kagan, Yu., cyclotron resonance in Ge and Si and effect of negative effective masses, **3440**

Kaganov, M. I., *and V. M. Tsukernik,* nonresonance absorption in ferromagnetic dielectric, **1583**

— *with F. G. Bass,* combination scattering of e.m. waves in ferromagnetic dielectrics, **116**

Kaganov, V. I., *and N. S. Nemirovskii,* effect of interference on a.f.e. system, **3929**

Kahan, T., *with L. Caird,* variational principle for systems of equations with common eigenvalues, **4000**

— *with R. Jancel,* statistical mechanics and dynamics of plasmas, **3716**

Kahn, A. H., electron scattering in magnetic field, **100**

Kaiser, J. A., Archimedean spiral antenna, **1071**

Kaiser, T. R., incident flux of radio meteors, **857**

Kaiser, W., *and C. D. Thurmond,* solubility of O_2 in Ge, **1570**

— *C. G. B. Garrett and D. L. Wood,* fluorescence and optical maser effects in CaF_2:Sm^{++}, **4078**

— *S. Sugano and D. L. Wood,* splitting of emission lines of ruby by electric field, **3495**

— *with W. L. Bond,* interstitial versus substitutional oxygen in Si, **1216**

— *with others,* light emission from ruby, **657**; donor equilibria in Ge-O_2 system, **1229, 2285**

Kaji, I., *and M. Kito,* plasma oscillations in magnetic field, **1126**

Kalachev, A. I., *with V. A. Zverev,* application of f.m. in acoustic measurements, **1710**

Kalish, I. H., *with A. Blicher,* reverse characteristics of low-lifetime Ge diodes, **4331**

Kallmann, H., *and others,* photovoltages in Si and Ge layers, **3831**

Kallmann, H. P., *with others,* excited electrons and holes in ZnS phosphors, **2628**

Kallmann Bijl, H., Space Research, (B)**1860**; atmospheric properties derived from rocket and satellite observations, **2198**

Kalman, G., collective motions in plasma due to magnetic interaction, **3718**

Kalmus, H. P., double-modulation photometer, **1011**

Kalmus, P. I. P., *with others,* 29-MeV microtron, **1971**

Kaltbeitzer, K. H., *with H. Eden,* minimum distances between television transmitters, **348**

— *with others,* television network planning, **1330**, for bands IV and V, **717**

Kamada, K., magnetoresistance of plastically deformed Si, **237**

Kamal, A. K., *and S. D. Sims,* modulation of coherent light, **3735**

— *and M. Subramanian,* gain optimization in l.f. up-converters, **810**

Kamenskii, E. L., *with others,* effect of intermediate layer on frequency characteristics of ultrasonic delay lines, **1767**

Kaminow, I. P., microwave modulation of electro-optic effect in KH_2PO_4, **3430**

— *and R. V. Jones,* microwave resonance properties of spinel and garnet ferrites, **4236**

Kaminsky, G., *with C. A. Lee*, anomalous barrier capacitance in InSb *p-n* junctions, **622**
Kamm, V. C., *with others*, tunnel-diode digital techniques, **1095**
Kampen, N. G. van. See van Kampen, N. G.
Kamysheva, L. N., replacement of Ti by Si in $BaTiO_3$, **921**
Kan, T., field-effect pinch-off of surface leakage in high-voltage diodes, **3179**
Kanai, Y., *R. Nii and N. Watanabe*, oscillatory magnetoresistance in *n*-type PbTe, **2694**
Kane, E. O., theory of tunnelling, **1554**
Kane, W. M., *and C. Wood*, conduction in Ag_2Te films, **2688**
— *with others*, degeneracy in Ag_2Te, **2687**; hot electrons in metal films, **3086**
Kaneff, W., secondary electron emission of Sb-Rb films, **1535**
Kaneko, S., transport coefficients of plasmas in magnetic field, **2535**
— *with others*, transport properties of plasmas, **111**
Kaner, E. A., ultrasonic absorption in metals in magnetic field, **1056**
Kanevskii, I. N., experimental investigation of cylindrical focusing systems, **1704**
Kanter, H., energy dissipation and secondary emission in solids, **2149**; contribution of back-scattered electrons to secondary electron formation, **2150**
Kao, Y. H., *with P. J. Price*, acoustic-mode mobilities for 'split *p*-Si', **1911**
Kaplan, T. A., spin configurations in cubic spinel, **645**
Karachun, A. M., *A. D. Kus'min and A. E. Salomonovich*, observations of radio sources on 3·2 cm, **2558**
Karal, F. C., Jr, *and others*, scattering of surface wave by discontinuity on right-angled wedge, **3346**
Karan, C., *with others*, diffusion process for In in *n*-type Ge, **947**
Karayianis, N., *and C. A. Morrison*, travelling-wave cavity, **4027**
Karbowiak, A. E., *and L. Solymar*, waveguides for long-distance transmission, **1722**
Karmen, K. N., effect of constant electric field on hysteresis of Rochelle salt, **3012**
Karp, S. N., *with others*, scattering of surface wave by discontinuity on right-angled wedge, **3346**
Karplus, R., *with A. J. Dessler*, diamagnetic ring currents, **4090**
— *with W. E. Francis*, hydromagnetic waves in ionosphere, **851**
— *with others*, drift frequencies for geomagnetically trapped particles, **1497**
Kartaschoff, P., *J. Bonanomi and J. De Prins*, Cs frequency standards, **3095**
Kasai, T., *with T. Nakamura*, image converter tube for high-speed photography, **1282**
Kasuya, I., occurrence of polar blackouts, **1854**
Kasuya, T., *and R. C. LeCraw*, relaxation mechanisms in ferromagnetic resonance, **2321**
Kaszynski, G., *with K. Feik*, noise insensitivity of gradient microphones, **3233**
Kataev, G. I., *with others*, anomalies in internal friction and elasticity of ferromagnetic substances near Curie point, **979**
Katase, A., *with others*, ion optics in multistage accelerator tubes, **2752**
Kath, U., *and W. Kuhl*, influence of dimensions of reverberation chamber on sound absorption, **3990**
Kato, J., *with others*, effect of polarization on attenuation of rain at mm λ, **3909**
Kato, K., plasma oscillations in weak magnetic field, **109**
Kato, T., *with T. Fujiwara*, influence of aging on temperature dependence of resistance in alnico-5, **2707**
Kattner, G., *and W. Rohrbeck*, calibration of two-channel c.r. direction finders, **2988**
Katz, I., *and L. M. Spetner*, polarization and depression-angle dependence of radar terrain, **208**
— *with L. M. Spetner*, statistical models for radar terrain return, **1179**
Kauer, E., *with K. J. Planker*, effective mass of free charge carriers in semiconductors, **2650**
Kaufman, A. B., nondestructive read-out with ferroelectric memories, **4016**
Kaufmann, A., investigations on image iconoscope camera tubes, **4318**
— *with H. Fix*, television camera tubes, statistical fluctuations in, **1326**, signal/noise ratio in, **3950**
Kaupp, H. R., *and D. R. Crosby*, waveforms for tunnel-diode locked pair, **1096**
Kauppila, J. E., *with others*, photojunctions formed by diffusing Cu into insulating CdS crystals, **3803**
Kawaguchi, S., *and M. Hirai*, harmonic distortion factor of transistors, **734**
Kawakubo, T., *T. Yanagi and S. Nomura*, properties of Ti sesquioxides, **1576**
Kawcyn, R. A., 30-kW 500-μs vacuum-tube pulser, **2010**
Kay, A. F., design of line feed for world's largest aperture antenna, **3647**
Kay, H. F., *with R. M. Glaister*, cubic-hexagonal transition in $BaTiO_3$, **922**
Kay, I., *and R. A. Silverman*, multiple scattering by dielectric slabs, **2546**
Kay, L., comparison between pulse- and frequency-modulation echo-ranging system, **574**; f.m. c.w. ranging system, **(D)2613**
Kaye, A. H., *and others*, broad-band telecommunication systems, **4294**
Kayser, R., equipment of Bisamberg aerial installation, **1664** *e*
Kealle, O. E., monitoring of receiver performance under operational conditions, **1025**
Kearns, R. J., *and J. J. Rolfe*, static inverters power space-vehicle equipment, **2785**
Keay, C. S. L., *and C. Ellyett*, latitude dependence of radar meteor-shower observations, **4095**
Keibs, L., room-related broadcast transmission, **390**; acoustic field condition in recording studios, **2834**
Keigler, J. E., *and L. Krawitz*, weather radar observations from earth satellite, **170**
Keldysh, L. V., kinetic theory of impact ionization in semiconductors, **1548**
— *with others*, impurity conductivity of Ge at low temperature, **941**
Keller, H., *and G. Wieczorek*, Si four-layer diode, **4337**
— *with B. Goldstein*, diffusion of tin in GaAs, **3461**
Keller, J. B., *with S. I. Rubinow*, shift of shadow boundary and scattering of opaque object, **2921**
Kelley, R. H., *with B. A. Kulp*, *p*-type photoconductivity and infrared quenching in electron-bombarded CdS, **3802**
Kellogg, P. J., cosmic-ray trajectories near equator, **139**; electrons of Van Allen radiation, **140**
Kelly, D., *and H. Margenau*, high-frequency breakdown of air, **102**
Kelly, R. E., *and A. Russek*, diffraction of e.m. wave by anisotropic cylinders, **833**
Kelso, J. M., Doppler shifts and Faraday rotation in ionosphere, **1294, 2759**
Kemp, J. C., field-swept maser oscillation, **3693**
Kemp, J. E., *with K. F. Hulme*, diffraction coefficient of Zn in InSb, **4195**
Kendall, P. C., *with J. E. C. Gliddon*, theoretical world curves of maximum F_2 ionization, **1846**
— *with others*, diffusion of electrons near magnetic equator, **877**
Kendig, P. M., efficiency of transducer at low frequencies, **3222**
Kennaugh, E. M., *S. P. Morgan and H. Weil*, scattering by spherical satellite, **328**
Kennedy, D. P., current multiplication of cylindrical hook collector, **2027**
Kent, G. S., fading of radio waves reflected from meteor trails, **1017**
— *and J. R. Koster*, nighttime F-layer irregularities at equator, **4129**
Kepler, R. G., charge-carrier production in anthracene, **211**
— *P. E. Bierstedt and R. E. Merrifield*, new class of conductive organic solids, **966**
Kerber, K. H., normalization of integrating and differentiating circuits, **459**
Kerker, M., *and E. Matijević*, scattering of e.m. waves from concentric cylinders, **4072**
Kern, J. W., solar-stream distortion of geomagnetic field and polar electrojets, **2574**
— *and E. H. Vestine*, theory of auroral morphology, **2215**
— *with E. H. Vestine*, midnight auroral maximum, **2216**
Kerns, D. M., inductive obstacles in rectangular waveguide, **31**
Kerns, Q., *with others*, new method of measuring lifetimes, **256**
Kerr, D., *and E. J. M. Quirk*, magnetic read head, **446**
Kerr, F. J., *with others*, principal plane of galaxy, **847**
Kesamanly, F. P., *with O. V. Emel'yanenko*, rapid measurement of thermal e.m.f. of semiconductors, **3101**
Kesel, G., *A. Ottman and H. N. Toussaint*, Ge tunnel diodes for h.f. range, **1665**
Kessemeier, H., *with J. Dreitlein*, resonance absorption of energy by rotating solid, **4073**
Kessler, F. R., reduction of optical reflection in Ge photoresistors, **3973**
Keyes, R., *with others*, evaluating radio receiver susceptibility to interference, **2766**
Keyes, R. J., *with others*, cyclotron resonance in InSb at high magnetic fields, **3059**
Keyes, R. W., hydrogen-like impurity states in axially symmetric crystals, **1894**; low-temperature thermal resistance of Ge, **3453**
— *and P. J. Price*, additional spin resonance in Sb-doped Ge, **949**
— *with L. J. Bruner*, electronic effect in elastic constants of Ge, **3837**
— *with K. J. Sladek*, galvanomagnetic effects in Ge in impurity-conduction range, **3045**
Kharchenko, I. F., *and others*, interaction of electron beam with plasma, **1792**
Khastgir, S. R., *and R. N. Singh*, analysis of random fading records, **2357**
— *and R. S. Srivastava*, waveforms of atmospherics, **2221**
— *with Y. S. N. Murty*, general expression for group refractive index of ionosphere, **2965**
Kibler, L. U., generation of nsec carrier pulses at X band, **3285**; project Echo standby receiver system, **3927**
Kidd, W., *with others*, v.l.f. modulation of solar noise bursts, **3365**
Kido, Y., *with others*, u.h.f. overland propagation beyond horizon, **318**; variation in received signal power with narrow-beam antennas rotated horizontally, **2001**
Kiel, A., cross-relaxation in paramagnetic systems, **839**
Kiely, D. G., *with G. P. Shepherd*, tunable parametric up-converter, **2513**
Kihara, T., *Y. Midzuno and S. Kaneko*, transport properties of plasmas, **111**
Kikinger, H., transmitters of medium-wave broadcast installation Bisamberg and power supply, **1664** *d*; power balance of Bisamberg transmitter, **1664** *f*
Kikuchi, M., light emission and microplasma phenomena in Si *p-n* junction, **1213**
Kikuchi, T., half-wave magnetic amplifier circuits with a.c. bias, **800**
— *with K. Murakami*, flux resetting characteristics of full-wave magnetic amplifier, **471**; core gain of magnetic amplifier cores, **3654**
Kilburn, T., *and R. L. Grimsdale*, digital computer store, **433**
— *D. B. G. Edwards and D. Aspinall*, arithmetic unit using saturated-transistor fast-carry circuit, **434**
— *with others*, ferrite-core memory systems with rapid cycle times, **440**
Kildal, A., plasma oscillations with Landau damping, **3717**
Kilkson, R., *with others*, electrical conductivity of single-crystal Cu_2O, **3054**
Killeen, J., *with others*, outer-belt electrons and neutron decay hypothesis, **4092**
Kim, W. H., graph theory for analysis of active and coupled networks, **3667**
Kimmitt, M. F., *with others*, sub-mm e.m. radiation from plasma in Zeta, **2915**
Kinber, B. E., shadowing and diffraction correction to current distribution, **3645**
King, G. A. M., logarithmic frequency spacing in ionogram analysis, **186**
— *and F. E. Roach*, relationship between auroral arcs and ionospheric recombination, **2218**
— *with K. Davies*, validity of approximations to Appleton-Hartree formula, **4277**
King, H. E., coaxial choked coupling design, **14**
King, J. W., magnetic effects in F region, **2971**; correlation of F-region critical frequencies, **2975**
— *with H. W. Bergh*, critical frequencies and magnetic parameter correlation, **4125**
King, R., diffraction of e.m. waves, **504**
— *and G. H. Owyang*, study of slot aerial and three-element collinear array, **423**
— *C. W. Harrison, Jr, and D. H. Denton, Jr*, electrically short antenna as probe for ionized region, **4134**
— *with G. H. Owyang*, complementarity in study of transmission lines, **18**
King, R. E., *with J. L. Douce*, improvement of torque-limited control systems with random inputs, **702**
King, R. E. J., *and B. E. Bartlett*, properties and applications of InSb, **3855**
King, R. J., *with S. W. Maley*, impedance of monopole antenna with conducting-disk ground system, **2090**
King-Hele, D. G., *and D. M. C. Walker*, density of upper atmosphere, determined from satellite orbits, **3387**, at 180–700 km, **4107**
Kino, G. S., *with M. A. Allen*, theory of coupled cavity chains, **451**; interaction of electron beam with fully-ionized plasma, **1793**
Kiosse, G. A., *with others*, new semiconducting compound in In-Sb-Te system, **2294**
Kirch, J. E., *with J. M. Koss*, phase perturbations of l.f. ground wave, **4282**
Kirenskii, L. V., *and V. A. Buravikhin*, polarity of domain boundaries in ferromagnetic films, **3483**
— *M. K. Savchenko and I. F. Degtyarev*, magnetization processes in ferromagnetics, **1580**
Kiriloff, A., design of broadband microwave cavities, **65**
Kirkscether, E. J., ground-constant measurements, **1269**
Kirvalidze, I. D., *and V. F. Zhukov*, effect of heat treatment on Si, **2669**
Kischio, W., *with others*, preparation and properties of AlP, **1572**
Kiseda, J. R., *and others*, magnetic associative memory, **3258**
Kisliuk, P., reflection of slow electrons from W, **3068**
Kita, S., silver-bonded diodes, **3181**
Kitamura, S., CdS photoconducting films, effect of O_2 on, **1877**, effect of heat treatment on, **2620**
— *T. Kubo and T. Yamashita*, enhancement of photoconductivity in CdS, **2619**
Kitchen, F. A., *W. K. R. Joy and E. G. Richards*, factors influencing 3-cm radio-wave propagation over sea, **3128**
Kitchin, H. D., television noise limiting, **714**
Kito, M., *with I. Kaji*, plasma oscillations in a magnetic field, **1126**
Kitsenko, A. V., *and K. N. Stepanov*, instability of anisotropic plasma, **3327**
Kittel, C., model of exchange-inversion magnetism, **970**; phonon masers, **2926**
— *with others*, ferromagnetic relaxation, **3349**
Klaassen, F. M., *K. M. Van Vliet and J. Blok*, carrier density fluctuations, **1892**
— *and others*, photoconductive decay time of films of lead salts, **1879**
Klahn, R., *J. A. Norton and J. A. Githens*, project Echo antenna steering system, **3937**
Klauder, J. R., *and J. E. Kunzler*, transverse-even voltage, **1891**
Klein, R., transport parameters in electron conductors, **3322**
Klein, W., microwave valves for radio links, **3585**; uniformity of active microwave lines, **3595**
— *J. Bretting and E. Mayerhofer*, travelling-wave tubes with tubular-magnet focusing, **3598**
— *with L. Brück*, microwave valves, **2039**
Kleinman, D. A., solar cell, **1643**
— *and A. L. Schawlow*, Corbino disk, **1137**
Kleint, C., *and H. J. Gasse*, shot and scintillation noise in cold electron emission, **313**
Kleinwächter, H., *with J. Geerk*, gas discharge, at focus of radar paraboloid, **2147**, at focus of ellipsoid, **4065**
Klement, G., common-frequency control system of Bisamberg transmitter, **1664** *g*
Klemperer, O., *and A. Thetford*, transmission of slow electrons through thin films, **821**
Kleppner, D., *with others*, atomic hydrogen maser, **474**
Klima, F., *and R. Tukl*, radio links at cm λ, **1308**
Klimin, A. K., *with others*, *I/V* characteristics of autoelectron current from semiconductors, **2296**
Kline, J. M., *with others*, semiconducting properties of Bi_2Se_3, **3063**
Klinger, M. I., theory of piezoresistance in Be_2Ti_3, **1243**
Klinger, R., *with H. Valdorf*, highly-stable short-wave exciter stage, **3175**
Klinger, Y., *with others*, H_{10}-to-H_{20} mode transducer, **412**
Klinker, L., *and G. Entzian*, occurrence of whistlers, **2224**
— *K. H. Schmelovsky and R. Knuth*, seasonal variations of mean electron density, **1512**

Kliphuis, J., C-band nondegenerate parametric amplifier, **2525**
Klivans, L. S., *with R. Freed*, satellite flashing-light system, **3754**
Klopf, P., modulation of television transmitters in i.f. range, **4323**
Klose, W., *p-n* junction in temperature gradient, **1550**; electrical conductivity of Ge and Si, **4180**
Klovskii, D. D., potential noise immunity when signal fades, **2354**
Klüber, O., *with others*, equipment for generating strong magnetic fields, **2544**
Klüver, J. W., parametric coupling with *O*- and *M*-type beams, **3593**
Klyachkin, V. I., theory of ferro- and antiferroelectrics, **2248**
Knapp, D. G., magnetic storms in high latitudes, **3749**
Knecht, D. J., *with others*, energy spectrum and distribution of trapped electrons, **4091**
Knecht, R. W., *and K. Davies*, solar-flare effects in F region, **2969**
Knechtli, R. C., *and J. Y. Wada*, generation and measurement of quiescent plasmas, **2152**
Kneller, E., *with D. Gerstner*, diffusion after-effect in Fe-Ni alloys, **4208**
Kniffen, D. A., *with J. E. Naugle*, flux and energy spectra of protons in Van Allen belt, **3743**
Knight, H. de B., *and J. Lord*, measurement of energy losses in hydrogen thyratron, **3600**
Knight, H. T., *with A. Sătasel*, Cb as electrolytic capacitor metal, **2109**
Knight, P., *and R. E. Davies*, horizontal radiation patterns of dipoles, **2471**
Knight, W. D., oscillation for nuclear resonance, **1808**
Knippenberg, W. F., *with C. A. A. J. Greebe*, grown *p-n* junctions in SiC, **1563**
Knowles, J. E., square-loop ferrites, Bitter patterns on, **273**, hysteresis loop of, **1589**, irreversible change of magnetization in, **1947**, domain-wall velocity in, **4230**
Knudsen, E., *with H. Norinder*, relation between lightning discharges and whistlers, **1177**; dispersion of whistlers, **3782**
Knuth, R., *with others*, seasonal variations of mean electron density, **1512**
Ko, H. C., amplitude scintillation of radio star, **522**; theoretical techniques for partially polarized waves, **4003**
Ko, W. H., tunnel-diode oscillators, **1762**
Kobayashi, D., energy build-up in magnetrons, **1692**
Kobayashi, K., *with K. Kubota*, vestigial-sideband facsimile system, **3158**
— *with others*, high-speed facsimile system with electronic scanning, **3949**
Kobayashi, M., *with Y. Saburi*, NH_3-beam maser as frequency standard at JJY, **1958**
Kobayashi, T., *with S. Hasegawa*, night characteristics of ionospheric waves in m.f. band, **3919**
Kobuke, Y., *with others*, Pb- and Mn-activated Ca-Cd silicate phosphors, **3804**
Koch, B., speed measurement using Doppler effect, **1974**
Koch, G., ultrasonic image conversion, **2445**
Koch, G. F., Kirchhoff's principle applied to diffraction diagrams, **509**
Koch, J., increase of gain wide-band distributed amplifier, **2134**
Koch, L., *J. Messier and Q. Kerns*, new method of measuring lifetimes, **256**
Kodis, R. D., diffraction by a composite cylinder, **1801**
Koelmans, H., *with H. G. Grimmeiss*, *p-n* luminescence and photovoltaic effects in GaP, **916**
Koenig, S. H., *and J. J. Hall*, low-temperature transport in 'split *p*-Ge', **1223**
Kogelnik, H., e.m. radiation in magneto-ionic media, **125**
Kogô, H., analysis of split coaxial-line-type balun, **15**; multielement transmission lines, **17**
Kohl, H., movements of F layer during bay disturbances, **1848**; vertical drift in E layer, **2208**
Köhler, A., influence of mismatch on television picture quality, **2395**
Köhler, E., pulse characteristics of *p-n* junctions, **721**
— *with P. H. Werner*, properties of modern magnetic tape, **1719**
Kohler, K., measurement of low reflection coefficients at h.f., **3900**
Kohler, R. H., detection of double resonance by frequency change, **2547**
Kohlgruber, E., aerial measurements by helocopter, **2089**
Kohlhaas, R., *and G. Ballensiefen*, fine structure of Weiss domains, **4206**
Kohn, G., change-over process in multivibrators, **1441**
Koide, F. T., influence of sunspot number on transmitter power requirements, **1047**
Koike, R., coupled transmission lines as directional couplers, **1065**
Koike, Y., *and Y. Kumagai*, ion relaxation oscillation in electron beams, **1683**
Kojima, S., *and S. Hagiwara*, radiation of plasma oscillation, **1122**
Kojima, T., distributed amplifier tube, **3208, 4368**
Kokin, A. A., *with G. V. Skrotskiĭ*, influence of coherent radiation field on magnetic resonance, **1480**
Kokosh, G. V., *and S. S. Sinani*, thermoelectric properties of Sb_2Te_3-Bi_2Te_3 alloys, **1245**
Kolarz, A., *and A. Schweisthal*, operation of 10-kW television transmitter for band IV, **2791**
Kolesnik, L. I., *with M. I. Iglitsyn*, effect of linear dislocations on carrier recombination in Ge, **3033**
Kolesnikova, E. N., *with G. A. Grinberg*, diffraction of e.m. waves at conducting plane ring, **3723**
Kolm, H. H., *and O. K. Mawardi*, hydromagnet, **3720**
Kolomenskiĭ, A. A., *with K. A. Barsukov*, Doppler effect in plasma in magnetic field, **126**
Kolomiets, B. T., *and Lin' Tszyun'tin*, internal photoeffect in ZnSe-CdSe system, **2618**
— *and V. M. Lyubin*, photoconductivity in amorphous chalcogenide layers, **2627**
Kolomoĭtsev, F. I., *and I. A. Izhak*, depolarization charge of $BaTiO_3$, **2253**
Komata, A., *and Y. Mushiake*, effects of dielectric coatings on radar cross-section of sphere, **900**
Komatsubara, K., change of surface state of Ge by electron bombardment, **2282**
— *and others*, 1/*f* noise in Ge *p-n* junction, **2699**
Komiya, H., *with others*, anomalous photovoltaic effect of CdS, **1876**; electroluminescence of CdS, **1885**
Komnik, Yu. F., *with others*, ternary semiconducting compounds, **3432**
Kondo, J., spin-lattice relaxation of donor electrons in Si, **1215**
Kondorskiĭ, E. I., stability of magnetic states during magnetization, **972**
— *O. S. Galkina and L. A. Chernikova*, resistance maximum for ferromagnetics at Curie points, **1254**
König, H. L., highly stable d.c. amplifier, **3295**
— *with H. G. Jungmeister*, filters for extremely low frequencies, **2121**
Konigsberg, R. L., hybrid d.c. amplifiers for missile environments, **4050**
Konorov, P. P., *and I. B. Shevchenko*, photoelectric properties of CdTe and ZnTe films, **1188**
Konrad, G. T., *with others*, S-band crestatrons, **2428**
Konstantinov, O. V., *and V. I. Perel'*, transmission of e.m. waves through metal, **1133**; quantum theory of spatial dispersion of susceptibilities, **1479**
Kopinga, W., *with others*, performance tests on loudspeakers, **2072**
Koptsik, V. A., *and L. A. Ermakova*, electric and elastic parameters of cancrinite, **2647**
Kopvillem, U. Kh., second moment of paramagnetic absorption line, **1136**
Korn, G. A., *with T. A. Brubaker*, amplitude distribution analyser, **2332**
Kornetzki, M., *and E. Röss*, ideal magnetization curve of ferrites, **3485**
— *E. Moser and E. Röss*, Mn-Zn ferrite, with isoperm loop, **1944**, with different hysteresis loops, **3488**
Kornfeld, J., *and E. Schenner*, v.h.f. and television reception over great distances, **687**
Kornfel'd, M. I., absorption of light in Ge, **2677**
— *and D. N. Mirlin*, low-frequency fluctuations of conductivity in Ge, **2274**
Kornilov, E. A., *with others*, interaction of electron beam with plasma, **1792**
Körper, K., *with H. Severin*, diffraction of e.m. waves at rectangular apertures, **3343**
Korsunskiĭ, M. I., *N. S. Pastushuk and G. D. Makhov*, photoconductivity of S layers treated with Hg vapour, **2994**
Korsunskiĭ, V. M., *and M. P. Lisitsa*, infrared absorption and structure of hole band of Te, **3026**
Kortleven, S., *with others*, CERN 600-MeV synchrocyclotron, **3517**
Koseki, T., *with others*, effect of E_x on v.h.f. pulse propagation, **3920**
Koshiga, F., *with T. Sugano*, cut-off frequencies of minority-carrier transport factors in drift transistors, **3576**
Koshino, S., *and T. Ando*, resonance transfer of ionization energy in semiconductors, **923**
Koshkin, V. M., *with others*, ternary semiconducting compounds, **3432**
Kossel, D., *and W. Schmidt*, internal photoeffect in thin photoconductive films, **3421**
Kostelnick, J. J., *with others*, project Echo dual-channel travelling-wave maser, **3695**
Koster, J. R., *with G. S. Kent*, nighttime F-layer irregularities at equator, **4129**
Kostomarov, D. P., *with Yu. N. Dnestrovskiĭ*, e.m. radiation from charged particles near waveguide with infinite flange, **3982**
Kostyk, B. M., *with R. R. Verderber*, magnetic characteristics of Ni-Fe films, **2711**
Kot, M. V., *and I. V. Kretsu*, anisotropy in properties of ZnSb, **1230**
— *with I. K. Andronik*, anisotropy in properties of CdSb, **1232**
Kotik, J., *and M. C. Newstein*, theory of laser oscillation in Fabry-Perot resonators, **1809**
Kounosu, S., *with A. L. Whetstone*, one-tunnel-diode binary, (D)**4041**
Kouvel, J. S., exchange anisotropy in Co-Mn alloys, **1251**
— *and C. C. Hartelius*, abrupt magnetic transition in $MnSn_2$, **3887**
— *and R. H. Wilson*, magnetization of Fe-Ni alloys under pressure, **2304**
— *with I. S. Jacobs*, exchange anisotropy in mixed manganites, **3082**
Kouyoumjian, R. C., *with others*, scattering of surface wave by discontinuity on right-angled wedge, **3346**
Kovrizhnykh, L. M., velocity distribution of electrons in strong electric field, **97**; oscillations of electron-ion plasma, **825**
— *and A. A. Rukhadze*, instability of longitudinal oscillations of plasma, **1791**
Kovtun, N. M., propagation in waveguides of complex cross-section with cross-magnetized ferrite plate, **3628**
Kraak, W., *G. Jahn and W. Fasold*, large anechoic chamber, **393**
Kraft, L. G., *with others*, ionospheric backscatter characteristics, **188**
Krage, H. W., *with others*, S-band crestatrons, **2428**
Krainik, N. N., ferroelectric and antiferroelectric properties of $NaNbO_3$-$PbZrO_3$, **2635**
— *and A. T. Agranovskaya*, antiferroelectric and ferroelectric properties of solid solutions with Pb_2MgWO_6, **2633**
Kramer, B., *and M. Schön*, effects of infrared radiation on excited ZnS phosphors, **2630**
— *with others*, excited electrons and holes in ZnS phosphors, **2628**; photovoltages in Si and Ge layers, **3831**
Krank, W., screened wide-band helical aerial, **784**
Kranz, J., *and H. Bialas*, image contrast in display of ferromagnetic domains by electron microscope, **4238**
— *and B. Passon*, Kerr hysteresis effect, **3879**; measurement of surface magnetization of Fe-Si crystals, **4225**
— *and A. Schauer*, magnetic domains of polycrystalline Co and Ni, **2715**; magnification of magneto-optical Kerr rotation, **4209**
Krassovsky, V. I. (Krasovskiĭ), results of investigations by sputniks and cosmic rockets, **543**
— *and others*, detection of 10-keV electrons in upper atmosphere, **154**
Kraus, J. D., satellite-induced ionization effects, **549**
— *and R. C. Higgy*, satellite ionization phenomenon, **863**
Kraus, L., *and L. M. Levine*, diffraction by elliptic cone, **3344**
Krawitz, L., *with J. E. Keigler*, weather radar observations from earth satellite, **170**
Kreielsheimer, K. S., *with D. R. Currie*, double field mill for atmospheric potential gradient measurement, **672**
Kreplin, R. W., solar X rays, **4097**
Kresin, V. Z., *with L. P. Pitaevskiĭ*, disturbances produced by body moving in plasma, **3714**
Kretsu, I. V., *with M. V. Kot*, anisotropy in properties of ZnSb, **1230**
Krienen, F., *with others*, CERN 600-MeV synchrocyclotron, **3517**
Krimmel, E., coherent splitting of electron beam, **311**
Krinchik, G. S., *and M. V. Chetkin*, determining permittivity and permeability tensors, **829**
Krishnamurthi, M., *with others*, cosmic noise at Bangalore, **3736**
Krishnan, T., *and R. F. Mullaly*, dm bursts concurrent with solar type-IV radiation, **4086**
Krivosheev, M. V., *with others*, cm-wave propagation through plasma-filled waveguide, **3624, 3625**
Krokhin, O. N., *with others*, semiconductor amplifiers with carriers of negative mass, **1771**
Krueger, A. J., *with others*, determination of ozone distribution by satellite photometry, **3386**
Krumme, H. J., *with B. W. Hakki*, coherent generation of microwave power by annihilation radiation, **3722**
Krupička, S., magnetic after-effect in Mg-Mn ferrites, **1584**
Kruse, P. W., *and L. D. McGlauchlin*, solid-state modulators for infrared communications, **2366**
Kryazhev, F. I., sound field in layer of water, **1696**
— *and N. A. Petrov*, normal-mode waves in three-layer medium, **1697**
— *with V. S. Grigor'ev*, low-frequency sound propagation in shallow waters, **1699**
Ksienski, A., equivalence between continuous and discrete radiating arrays, **2093**
Ku, T. C., analytical expression for write process in magnetic recording, **3939**
Ku, Y. H., Taylor-Cauchy transforms for analysis of varying-parameter systems, **3090**; theory of nonlinear control, **3153**
— *and A. A. Wolf*, Laurent-Cauchy transforms, (D)**994**
Kubo, T., *with others*, enhancement of photoconductivity in CdS, **2619**
Kubota, K., *and K. Kobayashi*, vestigial-sideband facsimile system, **3158**
— *and others*, high-speed facsimile system with electronic scanning, **3949**
Kuck, J. H., a.g.c. for superregenerative amplifiers, **4052**
Kuglin, C. D., *M. R. Ellett and K. F. Cuff*, oscillatory magnetoresistance in PbTe, **1932**
Kuh, E. S., *and J. D. Patterson*, design theory of optimum negative-resistance amplifiers, **2895**
Kuhl, W., influence of edges on sound absorption, **1386**
— *with U. Kath*, influence of dimensions of reverberation chamber on sound absorption, **3990**
Kühn, U., space diversity measurements, **3523**
— *with P. Beckmann*, 1·3-Gc/s link between Prague and Kolberg, **680**
Kühne, H. D., deflector for directional aerial system, **1736**
Kuhrt, F., application of Hall generators to measurements, **293**
— *with others*, Hall constant and electron mobility of InSb, InAs and $In(As_{1-x}P_{x-1})$, **1237**; contactless signalling, **1615**
Kulikov, G. S., *with others*, effect of Au on properties of Si, **1913**
Kulp, B. A., *and R. H. Kelley*, *p*-type photoconductivity and infrared quenching in electron-bombarded CdS, **3802**
— *J. P. Jones and A. F. Vetter*, electron radiation damage in unipolar transistor devices, **4347**
Kumagai, Y., *with Y. Koike*, ion relaxation oscillation in electron beams, **1683**
Kümmel, U., *with K. W. Böer*, electrical breakdown in CdS, **1874**
Kummer, O., *with D. Leed*, loss and phase set for 5–250 Mc/s, **3109**
Kumpfert, H., testing linear distortion of transmission systems, **3284**
Kundu, M. R., solar emission at cm λ and ionization of E layer, **1147**
Kunze, C., investigations on Cs-Sb films, **1533**
Kunzler, J. E., *L. R. Walker and J. K. Galt*, adiabatic demagnetization and specific heat in ferrimagnets, **647**
— *and others*, production of magnetic fields by superconducting solenoid, **1795**; superconductivity in Nb_3Sn, **1934**
— *with J. R. Klauder*, transverse-even voltage, **1891**
Kupferschmidt, K. H., reflex klystron with inhomogeneous retarding field, **3587**
Kurihara, Y., *with others*, u.h.f. propagation beyond horizon, **318**, amplitude correlation in, **1982**
Kurilko, V. I., kinetic theory of reflection from moving plasma, **3726**

— *with Ya. B. Faĭnberg*, e.m. pressure on charge moving in magnetic field, **130**
Kuriyama, M., *H. Yamanouchi and S. Hosoya*, ferromagnetic resonance absorption of Ni films, **4224**
Kuroda, C., time decrease of permeability of ferromagnetic alloys, **1252**; anisotropy in polycrystalline V-permendur, **1937**
— *and others*, magnetic torque curves for $TmFeO_3$, **3083**
Kurokawa, K., noise measure of linear amplifiers, **4051**
— *and M. Uenohara*, minimum noise figure of variable-capacitance amplifier, **2903**
Kuroyanagi, N., high-speed adding system, **432**
Kurt, V. G., *with others*, ionized gas and high-energy electrons in vicinity of earth, **138**
Kurth, C., magnetostrictive transducers as selective quadripoles, **2495**
Kurtze, G., *and E. G. Neumann*, dipole absorber for cm e.m. waves, **2545**
— *with others*, reverberation chamber for sound and e.m. waves, **1393**
Kurz, B., noise investigations on Si transistors, **4349**
Kushida, T., *with others*, Pb- and Mn-activated Ca-Cd silicate phosphors, **3804**
— *and K. Saiki*, shift of nuclear quadrupole resonance frequency by electric field, **3729**
Kus'min, A. D., *with others*, observations of radio sources on 3·2 cm, **2558**
Kusunoki, K., *with I. Endo*, magnetic gate circuits controlled by h.f. signals, **2509**
Kutlu, H., *and M. Öğder*, photoelectric effect in Ag-As-S alloys, **1532**
Kuttruff, H., *with others*, reverberation chamber for sound and e.m. waves, **1393**
Kuwahara, K. *with others*, magnetoresistance effect in magnetization reversal of permalloy films, **2713**
Kuz'min, A. D., *with others*, radio astronomy observations of second space rocket, **164**
Kuz'min, Yu. N., diffraction of e.m. waves at paraboloidal screen, **505**
Kuznetsov, A. Ya., semiconducting SnO_2, **2693**
Kuznetsov, E. P., *with V. I. Perevodchikov*, GeS photoresistors in television camera tubes, **3953**
Kwestroo, W., *with P. B. Braun*, Ca-Fe-O compounds, **1263**
Kyle, L., *with J. Herring*, density in planetary exosphere, **3404**

Laaspere, T., effect of magnetic field on spectrum of incoherent scattering, **1289**
Labartkava, E. K., thermoelectric ultrasonic pickup with semiconductor thermistor, **3610**
Labrum, N. R., radio brightness of quiet sun at 21 cm λ, **1821**
— *with others*, crossed-grating interferometer, **1078**
Labus, J., low-noise electron-beam amplifier, **744**
Lacharnay, S., frequencies for v.h.f. broadcasting, **1638**
Lachaux, R., *with others*, magnetic and telluric effects of Argus experiment, **2571**
Lacoste, R., *and P. Paillère*, specific surface resistance and its measurement, **817**
Lacy, R. D., high-speed tape reader, **516**
Ladesteyn, D. van. See van Ladesteyn, D.
Laett, H. A., Swiss television network, **718**
Laff, R. A., *and H. Y. Fan*, carrier lifetime in InSb, **1930**
Lafferty, J. M., hot-cathode magnetron ionization gauge, **2232**
— *and T. A. Vanderslice*, electronics and vacuum technology, **3420**
La Frenais, N. D., *and W. J. Lucas*, antenna siting tests at 3 480 and 9 460 Mc/s on tropospheric scatter path, **3910**
— *with others*, propagation measurements at 3 480 and 9 640 Mc/s, **683**
Lagasse, J., *with G. Giralt*, stable d.c. power supply, **338**
— *with others*, equation for performance of nonlinear transistor amplifier, **1448**
Lagunova, T. S., *with others*, scattering in current carriers in GaAs, **1926**
Lainé, D. C., tunable source of radiation for far infrared, **3733**
Lait, J., *with A. J. Hymans*, f.m. c.w. ranging system, (D) **2613**
Lal, C., flutter fading in equatorial regions, **1022**
Lally, P. M., hollow-beam focusing system, **1679**
Lamb, D., design and application of digital differential analyser, **3255**
Lamb, R. C., *with others*, scintillations of radio source Cygnus-A, **4088**; extraction of phase and amplitude information from modulated signal, **4283**
Lambe, J., *and others*, mechanisms of double resonance in solids, **3348**
Lambeck, M., *with H. Boersch*, observation of magnetization structure by means of Faraday effect, **2312**
Lambert, R. F., *with J. E. Holte*, synthesis of stepped acoustic transmission systems, **2439**
Lampert, M. A., *and A. Rose*, volume-controlled two-carrier currents in solids, **1893**
Landau, H. J., *and H. O. Pollak*, prolate spheroidal wave functions, **1599**
Landauer, R., shock waves in nonlinear transmission lines, **477**
Landecker, K., *and K. S. Imrie*, high-power pulse transmitter, **2019**
Lander, J. J., Li as donor and acceptor in ZnO, **952**
Landmark, B., *with others*, electron bombardment of atmosphere at sudden commencement, **2573**; simultaneous observations of 1958 δ2, **3756**
Landsberg, P. T., *with A. R. Beattie*, overlap functions applied to Auger recombination in semiconductors, **3019**
Lane, J. A., radio refractive index over British Isles, **2980**
— *and D. M. Evans*, transverse-film bolometers in rectangular waveguides, **1275**
— *and J. E. Pearson*, standardization of strong e.m. fields, **1274**
— *D. S. Froome and G. J. McConnell*, airborne microwave refractometer, **3515**
Langberg, E., *with others*, missile communication during re-entry blackout, **698**
Lange, F. H., modern operational calculus, **1597**; development of modern location techniques, **3783**
Lange-Hesse, G., variation of usable daytime frequencies, **1298**; southernmost extent of auroras, **2603**
Langenberg, D. N., *with others*, superconductors as quantum detectors for microwave radiation, **1965**; de Haas-van Alphen oscillations in PbTe, **3466**
Langer, J. S., impurity resistance in metals, **1117**
— *and V. Ambegaokar*, Friedel sum rule for interacting electrons, **2530**
Lanigan, M. J., *with others*, ferrite-core memory systems with rapid cycle times, **440**
Lanyon, H. P. D., *and W. E. Spear*, space-charge-limited current and deep trapping in Se, **3436**
Lapin, A. D., sound propagation in grooved waveguide, **1700**
Lapluye, G., *G. Morinet and P. Palla*, properties of $BaTiO_3$, influence of additives on, **220**, effect of metallic oxides on, **221**
Lapointe, S. M., *with D. C. Rose*, asymmetry in recovery for Forbush-type decrease, **2179**
Laporte, M., hot-cathode gas-diode microwave switch, **2055**
Larenz, R. W., *with others*, coupling mechanisms in plasma, **3330**
Large, M. I., *with others*, radio emission from Cygnus Loop, **2931**
La Rosa, R., *and C. R. Wilhelmsen*, shot-noise smoothing in Esaki diode, **728**
Larrabee, R. D., *I/V* characteristics of long *p-i-n* structures, **1898**
— *and M. C. Steele*, oscillistor, **356**
Larsen, H., H_{01} waveguide with statistically distributed irregularities, **1410**
Larzillière, H., *with others*, magnetic and telluric effects of Argus experiment, **2571**
Lasher, G. J., dynamics of subharmonic oscillator, **3278**
Laskowski, G., junction transistors in electronic computers, **733**
Laub, H., wide-band matching of horn-parabola aerials, **44**; dipole arrays for television transmitter aerials, **2854**
— *and W. Stöhr*, feeders for dm-λ aerials, **1422**
Laubitz, M. J., properties of armco iron at high temperatures, **263**
Lauckner, H., d.c. characteristic of Se rectifiers, **1317**
Lauder, R. P. F., Si 4-layer devices as pulse generators, **3573**
Laurance, N., *with others*, mechanisms of double resonance in solids, **3348**
Lauterjung, K., balanced h.f. transmission lines, **19**
Lautz, G., *and M. Pilkuhn*, noise measurements on single-crystal Ge, **1564**; recombination noise in Ge, **2674**
Lavi, A., *and L. A. Finzi*, analysis of magnetic second-subharmonic oscillator, **2125**
— *with others*, infinite tapered-plane transmission line, **2456**
Laville, G., *and J. Maillet*, speed of sound across plastic sheets, **386**
Lavine, J. M., extraordinary Hall-effect measurements on Ni, alloys and ferrites, **4212**
Lavine, M. C., *with others*, growth of GaAs crystals, **253**; Sb edge dislocations in InSb, **3465**
Lavoo, N. T., helix buncher tube, **743**
Law, J. T., surface changes on Si caused by adsorption, **2664**; experiments using vacuum-cleaned Si junction, **3030**
Law, P. F., *and B. M. Fannin*, radiation from current filament above homogeneous earth, **2575**
Lawrence, L. C., *with others*, binary-to-decimal converter, **49**
Lawrence, R. S., *J. L. Jesperson and R. C. Lamb*, scintillations of radio source Cygnus-A, **4088**; extraction of phase and amplitude information from modulated signal, **4283**
Lawson, W. D., *F. A. Smith and A. S. Young*, spectral response limit of PbTe and PbSe photocells, **1352**
Lax, B., *and Y. Nishina*, interband Faraday rotation in semiconductors, **3024**
— *and others*, cyclotron resonance in InSb at high magnetic fields, **3059**
Lax, M., cascade capture of electrons in solids, **598**
Lazzazzera, V. J., *with D. F. Edwards*, exciton and magneto-optical effects in Ge, **945**
Leadabrand, R. L., existence of permanent form of field-aligned ionization irregularities, **1842**; disposition of daytime auroral ionization in space, **1856**
— *W. E. Jaye and R. B. Dyce*, 106-1-Mc/s auroral echoes following solar event, **2604**
— *with others*, radar echoes from 1957α and β, **1163**
Leary, B. G., *with J. L. Douce*, random-pulse generator, **4048**
Lea-Wilson, C. P., *with J. C. Vokes*, instability effects in c.w. klystrons, **376**
Lebeau, A., *with others*, magnetic and telluric effects of Argus experiment, **2571**
Leberwurst, K., switching mechanism of Schmitt trigger circuit using transistors, **3676**
le Can, C., transient behaviour and fundamental transistor parameters, **1671**
le Compte, C., *and others*, Elle-Weser shore-based radar system, **1530**
LeCraw, R. C., *E. G. Spencer and E. I. Gordon*, low-loss acoustic resonance in garnet spheres, **3490**
— *with T. Kasuya*, relaxation mechanisms in ferromagnetic resonance, **2321**
Lee, C. A., *and G. Kaminsky*, anomalous barrier capacitance in InSb *p-n* junctions, **622**
Lee, E. W., eddy-current effects in rectangular ferromagnetic rods, **629**
— *with R. R. Birss*, saturation magnetostriction constants of Ni, **635**
Lee, O. S., effect of internal wave on sound in ocean, **3232**
Leed, D., *and O. Kummer*, loss and phase set for 5–250 Mc/s, **3109**
Leek, R., common-emitter amplifier, **3298**
Leeuwen, F. J. van. See van Leeuwen, F. J.
Lefeuvre, S., characteristic impedance of quadripole at microwave frequencies, **1746**
Leger, E. G., *and others*, zig-zag oscilloscope presentation for μsec time intervals, **1963**
Legler, E., portable outside-broadcast television equipment, **353**
Lehovec, K., *and others*, capillary alloying, **3890**
Lehrer, N. H., selective erasure and nonstorage writing in storage tubes, **2053**
Leibrecht, K., frequency modulation of a Pound stabilized oscillator, **1755**
Leichter, M., beam pointing errors of long line sources, **1081**
Leinbach, H., *with W. H. Campbell*, ionospheric absorption at times of auroral and magnetic pulsations, **1516**
— *with others*, electron bombardment of atmosphere at sudden commencement, **2573**
Leipunskiĭ, O. I., magnetic effect with high-altitude atomic explosions, **1154**
Leigemann, H. F., equipment for television receiver testing, **350**
Le Mée, J., *with A. V. J. Martin*, graphical analysis of tecnetron, **3967**
Lempicki, A., polarization of luminescence in ZnS and CdS, **908**
Lenk, A., *with H. Herold*, capacitive probe for vibration measurement, **299**
Lennon, J. J., *with others*, microwave method of investigating pulsed discharges, **300**
Lensch, K. P., d.f. aerials, **2857**
Lentz, T., *and J. Miyata*, magneto-optical read-out, **4313**
Lenz, F., transmission of slow electrons through thin films, **821**
Lepechinski, D., *with T. Consoli*, determination of electron density of plasma, **1461**, and simultaneous measurement of confining magnetic field, **1462**
Lepeshinskaya, V. N., *and V. N. Beloguroy*, work function of Mo with deposited films, **2302**
Lepschy, A., analogue computer program for polynomials, **3257**
— *and A. Ruberti*, stability of negative-feedback systems, **4028**
Lerfald, G., *and P. Scheibe*, travel-time anomalies of h.f. radio waves, **1293**
Lerner, D. S., *and H. A. Wheeler*, measurement of bandwidth of microwave resonator, **453**
Lescroel, Y., *and A. Pierrot*, low loss ferrites, **1943**
Lesk, I. A., diffused shot-melting technique for Ge and Si devices, **1332**
— *and others*, solid-state device aspects of microsystem electronics, **765**
Leslie, D. H., *with others*, superconductivity in Nb-Zr alloys, **3472**
Leslie, P. R. R., surface brightness of radio sources, **2562**
— *and B. Elsmore*, radio emission from the Perseus cluster, **2935**
— *with others*, radio source Hercules-A, **3741**
Leslie, W. H. P., transformer ratio-arm bridges, **4257**
— *with H. I. Messer*, automatic self-checking transistor counter with digital display, **3682**
Lestrade, J. C., studying concentrated electrolytes and ferromagnetic oxides, **3898**
Levatich, J. L., *with W. C. Vergara*, technique for F-layer scatter propagation, **325**
Levi, R., *and E. S. Rittner*, suppression of emission from Ba-activated W dispenser cathodes and adjoining electrodes, **3977**
Levine, D., maximum antenna gain of shaped beams, **3640**
Levine, L. M., *with L. Kraus*, diffraction by elliptic cone, **3344**
Levine, L. P., *with R. Targ*, backward-wave microwave oscillations in electron-beam/plasma system, **2540**
Levine, N., increasing flexibility of recursive least-squares data smoothing, **3092**
Levinger, B. W., *and D. R. Frankl*, cyclotron-resonance measurements on Ge, **4187**
Levinger, J. S., *with B. V. Paranjape*, Ettingshausen effect in semiconductors, **932**
Levinstein, H., *with others*, oscillatory photoconductivity in InSb, **3856**
Levitin, R. Z., *with others*, anomalies in internal friction and elasticity of ferromagnetic substances near Curie point, **979**
Levy, D., replacing sine-wave sources with solid-state inverters, **3544**
Levy, R. A., resonant spin-spin interaction between donors and acceptors in Si, **604**
Lewin, L., radiation from discontinuities in stripline, **402**; waveguide coupling through medium-size slots, **408**
Lewis, B., *with others*, effect of additives of limited solubility on $BaTiO_3$ ceramics, **2641**
Lewis, D. J., *with others*, TM modes in parallelogrammic waveguides, **3241**
Lewis, H. R., *with H. J. Gerritsen*, paramagnetic resonance of V^{4+} in TiO_2, **281**
— *with others*, Cr-doped TiO_2 as maser material, **283**
Lewis, J. K., *with others*, magnetic-tape read-out with electron beam, **1639**
Leypold, D., *P. Schucht and H. Wick*, s.w. receiving equipment, **4289**
Leysieffer, H., nonlinear distortion in single-grid valves, **2043**

Li, T., *with A. G. Fox,* resonant modes in maser interferometer, **2175**
Lichtensteiger, M., *with others,* photoconductivity in ternary sulphides, **1872**
Liemohn, H., outer radiation belt and aurorae, **156**
Li Men Kha (Li Meng-Ha), Cherenkov radiation of particle with magnetic moment, **1796**
Lin, C. C., *with E. A. Rinehart,* measuring widths of microwave spectral lines, **3514**
Lin, W. C., *with J. A. Van Allen,* outer radiation belt and solar proton observations with Explorer VII, **153**
Linckelmann, G., frequency control of astable multivibrators, **2129**
Lind, E. L., *with R. H. Bube,* photoconductivity in GaS-GaSe, **586**
Lind, H., *with others,* influence of mechanical vibrations on reflex klystrons, **3588**
Lindemann, W. W., *and R. K. Mueller,* grain-boundary photoresponse, **581**
Linden, D. A., *with J. F. Gibbons,* lumped-model analysis of space-charge widening, **720**
Lindenblad, N. E., *with others,* semiconductors for thermoelectric power generation, **2747**
Linder, I. W., resolution characteristics of correlation arrays, **3642**
Linder, J., *with W. Baumgartner,* photomultiplier with Sb-Na-K cathode, **2812**
Lindgren, N., *with M. M. Perugini,* microminiaturization, **787**
Lindmayer, J., *and C. Wrigley,* emitter diffusion capacitance of drift transistors, **368;** parametric amplification in transistors, (D)**3970**
Lindner, J., *with H. Görling,* test instrument for colour television, **2787**
Lindsay, P. A., steady-state theory of cylindrical magnetrons, **1375**
— *and F. W. Parker,* potential distribution between emitting electrodes, **497**
Lindsay, W. J., *and D. S. Heim,* design for spinning-goniometer automatic d.f., **3792**
Linfield, R. F., *with others,* investigation of steric activity, **2226;** Ephi system for v.l.f. d.f., **2609**
Lin' Tszyun'tin, *with B. T. Kolomiets,* internal photoeffect in ZnSe-CdSe system, **2618**
Lipman, N. H., *with G. Culligan,* fast transistorized time-to-pulse-height converter, **795**
Lippmann, B. A., bomb excited 'whistlers', **203**
— *with M. H. Johnson,* e.m. signals from nuclear explosions in space, **202**
Lippmann, H. J., *with others,* Hall constant and electron mobility of InSb, InAs and $In(As_{1-x}P_x)$, **1237;** contactless signalling, **1615**
Lisitsa, M. P., *with V. M. Korsunskii,* infrared absorption and structure of hole band of Te, **3026**
Lisovskii, L. P., backward-wave tube with non-uniform delay system, **4367**
Liszka, L., drop-out phenomenon in 1958 δ2 transmissions, **2952;** electron densities deduced from Faraday fading of satellite transmissions, **3760**
— *with others,* simultaneous observations of 1958 δ2, **3756**
Litovchenko, V. G., *and V. I. Lyashenko,* kinetics of fast surface states on Ge, **3034**
— *and O. V. Snitko,* long-term variations of field effect in Si, **940;** surface properties of Si, **2663**
Litovitz, T. A., *with R. W. Higgs,* ultrasonic absorption and velocity in molten salts, **385**
Litting, C. N. W., physics of computer elements, **2859**
Little, A. G., parametric amplifier using filter techniques, **2136**
Little, W. A., *p-n-p* h.f. Si transistor, **2031**
Liu, L., valence spin-orbit splitting and conduction *g* tensor in Si, **3448**
Liu, S. H., *Y. Nishina and R. H. Good, Jr,* microwave measurement of mobility, **4249**
Lloyd, A. G., overload protection for transistor voltage regulators, **1645**
Lloyd, D. J., *with A. R. Billings,* correlator employing Hall multipliers for vocoder analysis, (D)**2450**
Lloyd, S. P., *with H. L. Frisch,* electron levels in one-dimensional random lattice, **1139**
Lo, Y. T., beam deviation factor of parabolic reflector, **1085**
Löcherer, K. H., *with R. Maurer,* nonreciprocal circuits with nonlinear semiconductor elements, **3698**
— *with others,* reactance-type straight amplifier, **93**
Lock, C. M., *and P. J. Stevens,* micropulsations and ionosphere, **4126**
Lockwood, G. E. K., spin rate of Echo I, **2195**
Loeb, J., broadening of oscillator spectrum by noise, **3670**
Loeffler, C., recent types of Se rectifiers, **3548**
Loewe, R. T., *R. L. Sisson and P. Horowitz,* computer-generated displays, **1086**
Loferski, J. J., *and J. J. Wysocki,* spectral response of photovoltaic cells, **2813**
Logachev, Yu. I., *with others,* radiation measurements of third space rocket, **2947**
Logan, M. A., a.c. bridge for semiconductor resistivity measurements, **3103**
Logan, N. A., scattering properties of large spheres, (D)**329**
Logan, R. A., *W. M. Augustyniak and J. F. Gilbert,* electron-bombardment damage in Si Esaki diodes, **3961**
— *J. F. Gilbert and F. A. Trumbore,* electron mobilities and tunnelling currents in Si, **1558**
— *with others,* effect of Landau levels on tunnel currents in InSb, **1239;** excess tunnel current in Si Esaki junction, **2272**
Lohrmann, D., *and W. Marks,* tripler circuit using capacitance diode, **3684**
Lomakina, G. A., *with others,* surface layers on CdTe, **2623;** *p-n*-junction CdTe photocell, **2815, 2816**
Lomask, M., *and R. Frassetto,* acoustic measurements using the bathyscaph, **3**
Lomax, R. J., transient space-charge flow, **738**
Lombardini, P. P., *with others,* TM modes in parallelogrammic waveguides, **3241**
Long, D., scattering of conduction electrons by lattice vibrations in Si, **1560**
— *and J. Myers,* scattering anisotropies in *n*-type Si, **937**
Long, E. D., *and C. P. Womack,* designing tunnel diode r.f. amplifiers, **1783**
Long, M. W., *and W. K. Rivers, Jr,* sub-mm wave radiometry, **3143**
Long, R. J., *and D. R. Marks,* optical and radio magnitudes of galaxies, **2563**
Longini, R. L., *with others,* added-carrier transport problems in semiconductors, **3819**
Longman, I. M., integral equation in wave propagation problems, **3983**
Loomer, E. I. *with others,* distribution of magnetic activity in Canada, **1156**
Looney, C. H., Jr, v.l.f. synchronizing system, **1601**
Looney, J. C., designing amplifiers with nonlinear feedback, **2894**
Lopez, J., *and J. Brown,* voltage-variable capacitors make relaxation oscillator, **3282**
Lord, A. V., television standards converter, **2795**
Lord, J., *with H. de B. Knight,* measurement of energy losses in hydrogen thyratron, **3600**
Lorenz, H., gain stabilization of triodes and pentodes, **3979**
Lory, M. L., *with others,* temperature of upper atmosphere to 150 km, **2577**
LoSasso, L. A., *with others,* microwave isolator combines Hall effect and tunnel diodes, **3247**
Loshak, Zh., betatron oscillations in circular phasotron, **310**
Loshakov, L. N., microwave electron device, **4360**
Lotsch, H., nonlinear distortion in transistor stages, **1446;** distortion of steep pulse edges, **2743**
— *with E. Gundert,* high-slope television picture tubes, **1042, 2789**
Loudon, R., *with R. J. Elliott,* absorption edge in semiconductors in magnetic field, **933**
— *with others,* ferromagnetic relaxation, **3349**
Louis, H. P., generation of very short pulses, **1764**
Love, W. F., *and W. F. Wei,* longitudinal magnetoresistance in Ge, **3845**
Lovell, A. C. B., *and H. W. Wells,* spectrum of Cygnus and Cassiopeia below 30 Mc/s, **133**
Low, W., *with S. Foner,* pulsed-field measurements of large zero-field splittings, **1484**
Lubitz, K., *with K. W. Böer,* temperature-stable contacts of CdS, **250**
Lucas, W. J., *with N. D. La Frenais,* antenna siting tests at 3 480 and 9 460 Mc/s on tropospheric scatter path, **3910**
— *with others,* propagation measurements at 3 480 and 9 640 Mc/s, **683**
Lucovsky, G., characteristics of InAs *p-n* junctions, **3567**
— *and P. H. Cholet,* GaAs photodiode, **2420**
Ludlam, F. H., *with others,* radar scatter by large hail, **1531**
Ludlow, J. H., *with others,* sub-mm e.m. radiation from plasma in Zeta, **2915**
Ludwig, G. H., *with B. J. O'Brien,* development of multiple radiation zones, **152**
Ludwig, W., dielectric investigations on polycrystalline Se, **935, 1905**
— *and F. Eckart,* dielectric relaxation in Se, **4179**
Lueg, H., interpretation of characteristics of microwave ferrites, **1946**
Luft, W., *with E. J. Diebold,* thermal impedance of semiconductors, **2384**
Lukács, M., *with others,* subjective investigations of reverberation time, **1714**
Luke, K. P., *and F. E. Jamerson,* l.f. oscillations in Cs diode converter, **1970**
Lumpkin, O., *with S. Plotkin,* regenerative fractional frequency generators, **797**
Lunden, C. D., *with L. L. Oh,* high-speed microwave switch, **3622;** zigzag-line couplers transfer microwave power, **3623**
Lunelli, L., extension of theorem for passive two-poles, **2110**
Lurio, A., *and E. Stern,* dielectric constant of $BaTiO_3$ at X band, **592**
— *with E. Stern,* dielectric properties of $BaTiO_3$ in paraelectric state, **3813**
Lusignan, B., cosmic-noise absorption measurements, **1142**
Lussanet de la Sablonière, C. J. de. See de Lussanet de la Sablonière, C. J.
Lutsenko, E. A., *with others,* interaction of electron beam with plasma, **1792**
Luttinger, J. M., *and P. J. Stiles,* magnetic susceptibility of holes in Ge, **2277**
Lyan, Chzi-chao, *and D. N. Nasledov,* influence of electric field on InSb at low temperature, **961**
Lyashenko, V. I., *with V. G. Litovchenko,* kinetics of fast surface states on Ge, **3034**
Lynch, G. J. E., *with others,* field-aligned ionospheric irregularities and scintillation of satellite radio transmissions, **1162**
Lyon, A. J., *N. J. Skinner and R. W. H. Wright,* equatorial-spread F, belt of, **879,** at Ibadan, **2960**
— *with E. V. Appleton,* studies of E layer, **2955**
Lyons, W., alternative h.f. telegraph systems, (D)**2367**
Lyubin, V. M., *and G. A. Fedorova,* h.v. photo-e.m.f. in semiconductor layers, **901**
— *with B. T. Kolomiets,* photoconductivity in amorphous chalcogenide layers, **2627**

Ma, M. T., *with D. K. Cheng,* mathematical approach for linear array analysis, **1076**
Maak, J., *with others,* luminescence and photoconductivity of GaN, **1198**
Maarleveld, F., transmitter networks with nonlinear channel distribution, **1331**
McAleer, W. J., *with others,* photovoltages in Si and Ge layers, **3831**
McAlister, K. R., *with others,* crossed-grating interferometer, **1078**
Macario, R. C. V., ceramic i.f. transformers, **2123;** band-pass ladder filters using ceramic resonators, **2124**
Macartney, E., *with G. H. Metson,* conductivity of oxide cathodes, **737**
McArtney, J., *with W. W. Watrous,* gas clipper tubes for radar service, **1694**
MacAskill, R. B., reconnaissance satellite antennas, **3637**
McAvoy, B. R., *with D. W. Feldman,* 100-dB microwave semiconductor switch, **2023**
McCaldin, J. O., *and R. Harada,* As pressure in doping GaAs with Ge, **959**
— *and D. B. Wittry,* Ge saturated with GaSb, **1569**
McCarroll, W. H., phases in photoelectric Na-K-Sb system, **1185**
— *with R. H. Bube,* photoconductivity in In_2S_3, **4165**
McClean, R. S., *with S. G. Jones,* cathode-coupled cascode stabilizer circuit, **3948**
McClure, J. W., *with R. M. Broudy,* one-dimensional interaction statistics, **224**
McCluskey, C. J., band-pass transistor amplifiers, **2135**
McConnell, G. J., *with others,* airborne microwave refractometer, **3515**
McCracken, K. G., *and R. A. R. Palmeira,* comparison of solar cosmic-ray injection, **144**
— *with others,* cosmic-ray fluctuations in November 1960, **2937**
MacCrone, R. K., *and F. R. N. Nabarro,* broadcast-frequency waves during annular eclipse, **1987**
McCubbin, J. G., *and H. B. Goldberg,* beacon transmitters and power supply for Echo I, **3174**
McCumber, D. E., quantum-mechanical treatment of sound propagation, **2438**
McCutchen, C. W., *and I. D. Howard,* low-impedance capacitor design, **2872**
McDade, J. C., r.f.-induced negative resistance in junction diodes, **2804**
Macdonald, C., slow-scan image transmission, **1647**
MacDonald, D. K. C., *with D. G. Hughes,* resonance line-shape functions, **3728**
MacDonald, H. E., *with R. H. Bube,* mobility in photoconducting insulators, **2234**
Macdonald, J. R., *and D. E. Edmondson,* exact solution of time-varying capacitance problem, **1432**
McDonald, R. S., *with others,* defects in irradiated Si, **2672**
MacDonald, W. M., *with M. Walt,* energy spectrum of electrons trapped in geomagnetic field, **3744**
MacDowall, J., geomagnetic observations at Halley Bay, **542**
McDuffie, R. E., *with J. W. Wright,* height of maximum electron density of F_2 layer, (D)**874**
Macek, O., phase measurement at a.f. and h.f., **4254**
McEwen, D. J., *with R. Montalbetti,* H_α emissions 9th–16th November 1960, **4142**
Macfarlane, J. E., *with N. P. Scholes,* measurement of impedance at a.f., **1605**
McFarlane, R. A., finite-beam space-charge-limited diode as noise transducer, **4356;** microwave noise in accelerated electron streams, **4357**
McGee, J. D., *with W. B. Mims,* cross-relaxation in ruby, **282**
McGlauchlin, L. D., *with P. W. Kruse,* solid-state modulators for infrared communications, **2366**
McGowan, J., III, *with J. B. Thaxter,* 100–200-kMc/s water calorimeter, **3513**
Machlup, S., *and M. E. Christopher,* piezoelectricity of quartz for finite strain, **3816**
McHugh, J. P., *with others,* effect of freezing on thermoelectric properties of $BiSbTe_3$, **2702**
McIlwain, C. E., measurement of particles producing visible auroras, **197**
— *with others,* intensity variations in outer Van Allen belt, **4089**
McInnes, B., *and K. A. Robertson,* variation of aurora over British Isles, **566**
McIntosh, B. A., rough-trail meteor echo, **2940**
McIntyre, J. D. E., *with G. J. Janz,* precise conductance bridge, **3904**
McIntyre, R. J., ionization coefficients in Si, **938;** microplasma instability in Si, **3444**
McIrvine, E. C., impurity conduction in semiconductors, **927**
— *with others,* mechanisms of double resonance in solids, **3348**
McKelvey, J. P., recombination at twin structures in Ge, **2280**
— *R. L. Longini and T. P. Brody,* added-carrier transport problems in semiconductors, **3819**
Mackey, R. C., *with others,* propagation at 36 Gc/s in Los Angeles basin, **1286**
McKibbin, D. D., *with T. W. Flowerday,* tunnel-diode one-shot and triggered oscillator, **3675**
— *with W. B. Hanson,* ion concentration profile above F_2 peak, **3400**
McKinley, D. W. R., *and E. L. R. Webb,* reduction of meteor velocities from c.w. records, **3747**
McKinney, C. M., *with G. R. Barnard,* scattering of acoustic energy by cylinders in water, **1706**
— *with L. D. Hampton,* acoustic scattering from solid spheres in water, **3221**
Macklin, W. C., *with others,* radar scatter by large hail, **1531**
McLauchlan, D. J., *and T. T. Walters,* equipment for processing time-multiplex telemetry data, **2754**
McLauchlan, F. C., noise suppression in pulse receivers, **2003**
McLean, T. P., *and E. G. S. Paige,* effects of carrier-carrier scattering on mobility, **1551;** electron-hole scattering, **2278**
Maclean, T. S., *and D. A. Watkins,* space harmonics in helical antenna operation, **41**
McLeish, C. W., *and N. Burtnyk,* application of interferometer to h.f. d.f., **4153**
McMahan, M., *with B. Barker,* digital voltmeter employs voltage-to-time converter, **2738**

McMahon, H. O., *with J. L. Miles,* evaporated-film tunnelling devices, **3435**
McMorrow, E. W., *with J. D. Wallace,* sonar transducer pulse calibration system, **2064**
McNamara, A. G., auroral radar observations during 12th November 1960 solar event, **4148**
McNarry, L. R., *with others,* solar noise burst of 12th November 1960, **4084**
McPhee, K. H., cooling transistors, **2805**
MacPherson, A. C., noise figure and stability of negative-conductance amplifiers, **3700**
— *with H. M. Day,* high-level microwave detector using avalanche injection, **3959**
Macpherson, P. A., *and D. B. Thrasher,* high-frequency calibration of crystal microphone, **13**
McPhun, M. K., advantages of Si transistors, **4342**
McQuistan, R. B., *with R. I. George,* lead-wire attachment to thin films, **4241**
Macrakis, M. S., communications link between ground and satellite, **1029;** back-scattering cross-section of infinite ribbon, **1131**
McSkimin, H. J., effect of diffraction on velocity of ultrasonic waves, **767;** measuring ultrasonic wave velocities in solids, **2067;** measuring elastic moduli with ultrasonic waves, **3227**
— *with others,* third-order elastic moduli of Ge, **3041**
Macwhirter, I., beam indexing tubes, **1044**
Madigan, J. R., *with T. T. Arai,* response of thermocouple to nonsteady currents, **2532**
— *with A. D. Reich,* transient response of thermocouple circuit, **1785**
Maeda, H., *and T. Ondoh,* quasi-perpendicular propagation of hydromagnetic waves, **861**
— *and M. Yamamoto,* enhancement of geomagnetic sudden impulses, **860**
— *with H. Miyazawa,* anisotropic Hall coefficients in *n*-type Ge, **1571**
— *with K. Sakurai,* relation between solar radio emission and low-energy cosmic rays, **3366**
— *with M. Yamamoto,* simultaneity of geomagnetic sudden impulses, **1833**
— *with M. Yasuhara,* geomagnetic crochet 15th November 1960, **3380**
— *with others,* sign reversal of Hall coefficients at low temperatures in compensated Ge, **2683**
Maeda, K., electroluminescence of insulated particles, **1540**
— *and V. L. Patel,* seasonal variations of cosmic-ray intensity in polar regions, **2939**
Maekawa, S., *with others,* slow decay in field effect on Ge p^+-n junction, **3847**
Maesen, F. van der. See van der Maesen, F.
Maestri, A., *with W. Rotman,* electromechanically scanned trough-waveguide array, **2087**
Magee, V., *and A. A. Shepherd,* Si photovoltaic cells, **1353**
Magill, D. T., *with J. J. Spilker, Jr,* delay-lock discriminator, **4156**
Magnuson, G. D., *and D. B. Medved,* sputtering as mechanism for satellite ionization effect, **2949**
Magnusson, E., *and F. Strandén,* Motala long-wave broadcasting station, **1637**
Maguire, T., producing ultrapure semiconductors, **3862**
Mahalanabis, A. K., *with others,* transfer function analyser, **3111**
Mahl, H., *and W. Weitsch,* small-angle diffraction with electron beams, **1283**
— *with E. Gütter,* periodic illumination of object, **1614**
Maier, H., improvement of frequency stability of h.f. oscillators, **2504**
Maier, H. G., *with J. Deutsch,* gyromagnetic resonance of ferrites and garnets, **4235**
Maier-Leibnitz, H., noise of pulse amplifiers, **468**
Maillet, J., *with G. Laville,* speed of sound across plastic sheets, **386**
Maiman, T. H., stimulated optical emission in fluorescent solids, **4076**
— *and others,* stimulated optical emission of fluorescent solids, **4077**
Mainstone, J. S., calculation of meteor velocities, **1152**
Majumdar, S. K., radiation by charged particles passing through electron plasma, **3335**
Malaviya, V., *with S. N. Ghosh,* microwave absorption in atmosphere, **3521**
Málek, Z., *and W. Schüppel,* measurement of uniaxial magnetic anisotropy of thin films, **2708**
— *with others,* magnetic anisotropy of thin films, **267**
Maley, D., *with F. S. Barnes,* beam maser for 3 mm λ, **2520**
Maley, S. W., *and R. J. King,* impedance of monopole antenna with conducting-disk ground system, **2090**
Malik, C., *J. Aarons and H. Poeverlein,* back-scatter experiments during total eclipse, **556**
Malinge, A. M., position and sense of polarization of solar radio storms, **525**
— *with E. J. Blum,* radio storm centres and associated sunspots, **1822**
Malkovich, R. Sh., *with others,* effect of Au on properties of Si, **1913**
Malnar, L., *with G. Broussaud,* coupled-cavity maser-type amplifiers, **3301**
Maltby, P., positional fluctuations of solar radio sources on 200 Mc/s, **1494;** central component of radio source Centaurus-A, **3742**
— *with A. T. Moffet,* brightness distribution in extragalactic radio sources, **3740**
Malville, J. M., effect of initial phase of magnetic storm on Van Allen belt, **149**
Manca, P., binding energy and band-gap energy in semiconductors, **4178**
Mancianti, M., ionospheric wave reception, **4285**
Manenkov, A. A., *and A. M. Prokhorov,* spin-lattice relaxation in Cr corundum, **1953**
Mange, P., distribution of minor ions in e.s. equilibrium in high atmosphere, **3766**
Manger, W. P., *with W. R. Bandeen,* angular motion of spin axis of Tiros I, **167**
Mann, P. A., modulation noise of magnetic tape, **3616**
Mano, K., *with T. Miura,* transistorized television receiver, **2394**
— *with T. Takagi,* polyphase vacuum-tube oscillator, **791;** h.f. transistor polyphase oscillator, **2130**
Mansey, R., automatic check-out and recording network, **2729**
Mansfeld, W., nonlinear distortion in radio-link multiplex systems, **694;** satellites as passive relay stations, **3923**
Mantek, P. A., *with S. B. Geller,* tunnel-diode large-signal simulation study, **2402**
Manus, C., *with others,* oscillations and diffusion in weakly ionized plasmas, **1465, 3331**
Manzano, J. R., *J. G. Roederer and O. R. Santochi,* cosmic-ray intensity during magnetic storm May 1959, **2185**
— *with others,* cosmic-ray intensity during magnetic storms July 1959, **2148;** cosmic-ray phenomena during solar disturbances, **3370**
Maple, E., *with J. B. Wilcox,* a.f. fluctuations in geomagnetic field, **541**
Mapother, D. E., *with others,* critical fields of superconducting Sn, In and Ta, **969**
Marasigan, V., damping coefficient of vibrating electrons, **178**
Marathe, B. R., *with H. K. Henisch,* electroluminescence due to carrier accumulation, **912**
Marcatili, E. A., circular-electric hybrid junction and channel-dropping filters, **1406;** mode-conversion filters, **1417;** errors in detection of r.f. pulses, **3144;** time and frequency crosstalk in p.m. systems, **3145**
— *and D. L. Bisbee,* band-splitting filter, **1407**
Marchuk, P. M., *with others,* photoemission from Ge, **1921**
Marcus, P. M., *with D. P. Seraphim,* stress effects on superconducting transitions in Ta and Sn, **3474**
Marcus, S. M., *with others,* binary full adder uses unipolar transistors, **1424**
Marcuse, D., stimulated emission from HCN gas maser at 88·6 Gc/s, **2519**
Margenau, H., *with D. Kelly,* high-frequency breakdown of air, **102**
Margoninski, Y., effect of constant electric field on Ge fast surface states, **2680**
— *and H. E. Farnsworth,* influence of wet and dry ambients on fast surface states in Ge, **3841**
Marie, G., *and Y. Angel,* parametric amplifiers, **90**
Marini, J. W., slotted-sphere antenna surrounded by plasma sheath, **43**
Marino, P. F., *with others,* radar data for high-speed digital computers, **1528**
Marique, J., measurement of frequency deviation in f.m., **3506**
Markham, J. J., *and D. Mergerian,* fluorescent material for optical maser, **4074**
Marks, D. R., *with R. J. Long,* optical and radio magnitudes of galaxies, **2563**
Marks, G. W., *and D. A. Hanna,* polarized polycrystalline $BaTiO_3$, **2249**
Marks, W., *with D. Lohrmann,* tripler circuit using capacitance diode, **3684**
Marlett, C., *with others,* Si epitaxial microcircuit, **2866**
Marseille, H., *with others,* measurements on multialkali photocathodes, **582**
Marshall, T. C., *and L. Goldstein,* diamagnetism of gaseous plasmas, **2913**
Marshall, W., *with R. Stuart,* direct exchange in ferromagnets, **826**
Marsocci, V. A., *with P. M. Chirlian,* linear circuit aspects of cryotrons, **3656**
Martel, H. C., *and M. V. Mathews,* detectability of known signals in noise, **2355**
Martin, A. V. J., tecnetron, as circuit element, **1340,** theory of, **1341;** alcatron, **1670;** symposium on semiconductor devices, **2400;** series correction of wide-band amplifiers, **3687**
— *and J. Le Mée,* graphical analysis of tecnetron, **3967**
— *and F. J. Young,* calculations on lines with continuously variable impedance, **1066**
Martin, D. W., *with L. E. Orsak,* d.f. at low frequencies, **207**
Martin, E. J., Jr, secondary-emission pentode, **742**
Martin, F. F., *and C. T. Shelton,* modifying vidicon camera chain for slow-scan systems, **3555**
Martin, G., *with K. E. Müller,* communal aerials, **413**
Martin, G. E., combining remote radars on central display, **1866**
Martin, H. G., waveguide-mode v.l.f. propagation, **1993**
Martin, M. B., mechanical considerations of magnetic recording heads, **1032**
Martin, S. J., scatter propagation, **682**
Marton, L., *with J. A. Simpson,* improved electron filter lens, **4267**
Marutake, M., calculating electromechanical coupling factor, **2645**
Mascarenhas, S., *and L. G. Freitas,* crystallographic orientation and phase changes in solids, **214**
Mash, D. I., *and V. V. Nikol'skii,* measurement of permittivity and permeability of ferrites at mm λ, **649**
Maslakovets, Yu. P., *with others,* surface layers on CdTe, **2623;** p-n-junction CdTe photocells, **2815, 2816**
Masley, A. J., *with others,* cosmic-ray flare 4th May 1960, **2569;** delayed propagation of solar cosmic rays, **2942**
Mason, W. C., *with others,* fading rate of moon-reflected u.h.f. signals, **316**
Mason, W. P., *with others,* third-order elastic moduli of Ge, **3041**
Massari, C., demodulation of chrominance signals, **344**
Masuda, I., *with others,* Pb- and Mn-activated Ca-Cd silicate phosphors, **3804**
Masuno, K., *with others,* ferroelectricity in potassium ferrocyanide group, **591, 2637**
Mataré, H. F., Ge bicrystals in grain-boundary photocells, **3974**
— *with H. A. Schell,* properties of semiconductor grain boundaries, **2275**
Mather, R. A., *with others,* radar-lunar investigations, **190**
Mathews, M. V., *with H. C. Martel,* detectability of known signals in noise, **2355**
Mathewson, D. S., *M. I. Large and C. G. T. Haslam,* radio emission from Cygnus Loop, **2931**
— *with others,* crossed-grating interferometer, **1078**
Mathur, V. S., *with K. K. Gupta,* magnetic-field dependence of energy gap in superconductors, **1933**
Matijević, E., *with M. Kerker,* scattering of e.m. waves from concentric cylinders, **4072**
Matossi, F., *with H. Gutjahr,* electrophotoluminescence of (Zn, Cd)S phosphor, **4168**
Matsumura, K., *with others,* diffusion coefficient of B in Si, **939**
Matsuo, Y., 'fawshmotron' using fast electron wave, **745**
Matsuura, K., *and Y. Inuishi,* annealing of radiation damage in Si, **2673**
Matthaei, G. L., *with M. Gilden,* nearly optimum degenerate parametric amplifier, **2138**
Matthei, W. G., *with others,* varactor-diode standing-wave amplifier, **1452**
Matthews, A. G., *with others,* h.f. blackouts during solar cycle, **2351**
Matthews, M. A. V., inertial systems in space vehicles, **4152**
Matthews, W. E., *and P. L. Mothersole,* controlled interference generator, **715**
Matthias, B. T., *V. B. Compton and E. Corenzwit,* new superconducting compounds, **3470**
— *and others,* magnetic moment of transition metal atoms in dilute solution, **1244;** ferromagnetism in Sc-In solid solutions, **3871**
— *with others,* production of magnetic fields by superconducting solenoid, **1795**
Mattis, D. C., distribution function in dilute electron gases, **818**
Mattox, D. M., *with others,* semiconducting properties of Bi_2Se_3, **3063**
Mattson, R. H., p-i-n diodes control shorted stubs, **2477**
Mattuck, R. D., *and M. W. P. Strandberg,* spin-phonon interaction in paramagnetic crystals, **279**
Matty, T. C., *with W. N. Carr,* additional negative-resistance oscillation modes, **3281**
Matukura, Y., heat treatment centres in Si, **2667;** grain boundaries in Si, **4181**
— *and S. Tanaka,* conductivity of grain boundaries in Ge, **4188**
Maurer, R., reactance-diode amplifiers for u.h.f., **3699**
— *and K. H. Löcherer,* nonreciprocal circuits with nonlinear semiconductor elements, **3698**
— *K. H. Löcherer and K. Bomhardt,* reactance-type straight amplifier, **93**
Maurice, R. D. A., colour television standards, **340**
Mavroides, J. G., *with others,* cyclotron resonance in InSb at high magnetic fields, **3059**
Mawardi, O. K., *with H. H. Kolm,* hydromagnet, **3720**
Mawdsley, J., winter anomaly in ionospheric absorption, **2587**
— *and I. R. Richards,* ionospheric scattering of satellite transmissions, **1836**
May, F. T., *and R. A. Dandl,* active filter element and application to Fourier comb, **2881**
May, T. C., *with others,* cosmic-ray flare 4th May 1960, **2569;** delayed propagation of solar cosmic rays, **2942**
Mayer, H. F., *and F. Bath,* stereophonic broadcasting using p.a.m., **700**
Mayer, N., signal/noise ratios in N.T.S.C. system, **1648;** F.A.M. method of colour television, **3161**
— *with others,* television reception in band IV, **708**
Mayer, T., *and G. E. Partington,* simplified image orthicons, **4319**
Mayer, W. E., determination of ultrasonic velocities, **1057**
Mayes, P. E., *G. A. Deschamps and W. T. Patton,* backward-wave radiation from periodic structures, **2470**
Maynard, L. A., propagation of meteor-burst signals during polar disturbance, **4299**
Mayne, D. W., *with others,* cosmic-ray measurements in Scout I, **4112**
Mayo, B. R., *and C. Polk,* transient behaviour of aperture antennas, **2098**
Mayo, C. G., *and J. W. Head,* simplifying Fourier integrals, **3088**
Max, E., *with others,* internal stress energy of Bloch walls, **4205**
Maxwell, A., solar radio astronomy, **1820**
— *W. E. Howard, III, and G. Garmire,* solar radio bursts at sunspot maximum, **849**
Maxwell, K. H., *with M. Green,* adsorption of Cl_2 on clean Ge, **4186**
Mead, C. A., theory of complex refractive index, **1116;** operation of tunnel-emission devices, **2798;** anomalous capacitance of thin dielectric structures, **3426**
Meadows, R. W., tropospheric-scatter observations at 3480 Mc/s, **3524**
Meckling, W., economic potential of communication satellites, **3536**
Medd, W. J., *and N. W. Broten,* lunar temperature measurements at 3200 Mc/s, **3739**
Medhurst, R. G., r.f. spectra of waves frequency-modulated with white noise, **691;** power in f.m. wave, **4293**
— *and J. H. Roberts,* f.m. distortion products with white-noise modulation, **486**
Mednikov, A. K., effect of lead treatment of Ge, **1918**
Meduvsky, A., *with others,* communication system for highway traffic control, **332**
Medved, D. B., secondary-electron emission and satellite ionization phenomenon, **2948**
— *with G. D. Magnuson,* sputtering as mechanism for satellite ionization effect, **2949**

Mee, C. H. B., effect of ultraviolet irradiation on BaO cathodes, **4354**
Meeker, J. G., *with J. E. Rowe,* interaction of pre-modulated electron streams with propagating circuits, **1685**
Meerburg, E. G., *with others,* microphony in electron tubes, **2820**
Meesen, A., photoexcitation in solids, **3705**
Meewezen, W. D., interrelation and combination of various types of modulation, **690**
Megerle, K., *with I. Giaever,* study of superconductors by electron tunnelling, **3471**
Meggs, B. H., *with L. E. Hall,* electroformed Cu waveguide, **401**
Mehrtens, D. H., *and J. T. Zakrewski,* d.c. stabilization of transistor circuits, **365**
Meijer, G., *and M. Avinor,* excitation spectra of V-activated phosphors, **906**
Meindl, J. D., *and E. R. Schatz,* shielded transmission lines, **2075**
— *with others,* electrodeless measurement of semiconductor resistivity, **2730**
Meinguet, J., *with others,* ring modulators, **1115**
Meinhardt, J., *with L. Hermsdorf,* frequency response of power transistors, **730**
Meinke, H., wide-band omnidirectional radiators, **1418**
Meissner, H., telegraphy receiving equipment, **4290**
Meister, E., interference suppression of motor vehicles, **2358**
Meitzler, A. H., mode coupling of elastic pulses in wires, **2827**
Melan, E., aerial masts of Bisamberg installation, **1664** *k*
Melehy, M. A., minimum turn-off time for four-layer diodes, **4338**
Melngailis, I., cryosistor, **1099**
Mel'nikov, A. I., *and others,* thermionic emission of Ba_3WO_6, **2817**
Meltzer, B., stability of computation of Pierce-Cauchy problem, **288**
Meltzer, S. A., *and S. Thaler,* detection range predictions for pulse Doppler radar, **3796**
— *with S. Thaler,* amplitude distribution of noise after post-detection filtering, **1625**
Memelink, O. W., *with others, p-i-n* modulator, **485**
Mendonca, F. de. See de Mendonca, F.
Menold, R., exo-electron emission of ZnO, **248**
Menyuk, N., *with K. Dwight,* magnetic properties of Mn_3O_4, **646**
Menzel, P., magnetic measurements by Hall probe, **4255**
Meos, J., *and S. Olving,* radar echoes associated with auroral activity, **567**
Merceron, T., *with A. Bragiński,* magnetic relaxation in magnetite and solid solutions, **4232**
Mercier, R. P., diffraction by finite irregular objects, **1475**
Meredith, B. L., *with D. S. Heeschen,* secular variation of flux density of Cassiopeia-A, **2932**
Mergerian, D., *with J. J. Markham,* fluorescent material for optical maser, **4074**
Merrifield, R. E., *with others,* new class of conductive organic solids, **966**
Mertens, H., energy theory of directional hearing, **388;** spectrum of compatible s.s.b. modulation, **3146**
Merz, W. J., photovoltaic effect in striated ZnS, **1873**
Mesnard, G., *and R. Uzan,* temperature variations of oxide cathodes, **1358**
Message, P. J., King-Hele's theory, **165**
Messel, H., radio-astronomy centre at Sidney, **134**
Messenger, G. C., measuring recovery time of ultra-fast diodes, **3958**
Messer, H. I., *and W. H. P. Leslie,* automatic self-checking transistor counter with digital display, **3682**
Messerschmid, U., horizontal picture instability, **1321**
Messier, J., *with others,* new method of measuring lifetimes, **256**
Metson, G. H., *and E. Macartney,* conductivity of oxide cathodes, **737**
Mette, H., *with others,* spectral distribution of photomagnetoelectric effect in Ge, **241**
Metz, R. J., *and J. G. Fay,* magnetics in Doppler signal data extraction, **3265**
Meuffels, W., *with F. H. Efferts,* impedance functions of two-pole networks, **2489**
Mével, A. A., *and J. Mével,* apparatus for investigating polarization of cm waves, **1129**
Mével, J., diffraction of em waves by spheres, **832**
— *with A. Mével,* apparatus for investigating polarization of cm waves, **1129**
Meyer, A. J. P., *with M. C. Cadeville,* magnetic properties of Fe_3P, **3072**
Meyer, E., *and W. Eisenmenger,* demonstration of parametric amplification, **1110**
— *H. W. Helberg and S. Vogel,* reverberation chamber for e.m. waves, **2325**
— *and others,* reverberation chamber for sound and e.m. waves, **1393**
Meyer, H. J. G., *with H. Risken,* lattice scattering in free-carrier infrared absorption in semiconductors, **3825**
— *with others, p-i-n* modulator, **485**
Meyer, J. W., solid-state masers, **803**
Meyer, N. I., *with others,* hot-electron emission from Si *p-n* junctions, **3835**
Meyer, P., *and R. Vogt,* electrons in primary cosmic radiation, **1827**
— *with others,* cosmic-radiation intensity, rapid reduction of, **141,** 11-year changes of, **150;** outer-belt electrons and neutron decay hypothesis, **4092**
Meyer, W. E., spherically corrected e.s. electron microscopes, **3908**
Meyer-Brötz, G., junction transistors as switches, **2032**
Meyerhofer, E., *with others,* travelling-wave tubes with tubular-magnet focusing, **3598**
Mezencev, R., application of matrix methods to transistor equivalent circuits, **1669**
Mezger, P. G., measurement methods in radio astronomy, **3359**
Michalak, J. T., *and R. C. Glenn,* transmission-electron-microscope observations of magnetic domain walls, **3881**
Michelitsch, M., wetting and alloying of Ge, **1220;** I_{max}/I_{min} of tunnel diodes, **2024**
— *with H. J. Hartmann,* technology of tunnel diodes, **3565**
— *with others,* tunnel diode, **4332**
Michiels, J. L., *with M. Desirant,* Electromagnetic Wave Propagation, (B)**1997**
Middelhoek, S., Ni-Fe films, magnetization reversal in, **2710,** magnetic characteristics of, **4221**
Middlebrook, R. D., *and A. D. Taylor,* low-drift differential amplifier, **3691**
Midgley, D., *with O. J. Haga,* phase-sensitive wave analysis, **3113**
— *with others,* paraboloidal reflectors with axial excitation, **426**
Midzuno, Y., scattering of microwaves from cylindrical plasma, **3727**
— *with others,* transport properties of plasmas, **111**
Mierzowski, K., digital computers, **3648**
Mikoshiba, N., interaction of conduction electrons with acoustic waves in semiconductors, **228, 601;** interaction of electrons and holes with acoustic waves in intrinsic semiconductors, **3823**
Mikulyak, R. M., *with M. Gershenzon,* electroluminescence at *p-n* junctions in GaP, **3805**
Milano, U., *J. H. Saunders and L. Davis, Jr,* Y-junction strip-line circulator, **404**
Milanovic, D., variable microwave power divider, **3242**
Miles, J. L., *and H. O. McMahon,* evaporated-film tunnelling devices, **3435**
— *with others,* superconducting characteristics of superimposed metal films, **3476**
Miles, P. A., magnetic resonance in canted ferri-magnets, **3491**
— *and H. E. Edgerton,* efficient ruby laser pump, **2554**
Miles, R. J., logic circuits, high-speed, using diode networks, **2862,** output-coupling networks for, **2863**
Millar, R. F., scattering by grating, **2166**
Millard, G. H., *with others,* use of high-gain television transmitting aerial, **1074**
Millburn, J. R., *with B. Buss,* active communication satellite system, **4303**
Millen, D. J., microwave spectroscopy, **1134**
Miller, A., *and E. Abrahams,* impurity conduction at low concentrations, **1207**
Miller, A. P., *with J. J. Hill,* a.f. current transformers, **2867**
Miller, C. E., ionic distribution in garnets $Gd_3Al_2Fe_3O_{12}$ and $Y_3Al_2Fe_3O_{12}$, **2314**
Miller, C. F., *with others,* electron bombardment of thin films, **4240**
Miller, M. H., *and W. G. Dow,* anomalous electron-stream behaviour, **1786**
Miller, M. J., *and G. V. Buckley,* speed control of d.c. motors, **1312**
Miller, P. B., Hall effect in normal and superconducting metals, **2255**
— *with R. R. Haering,* oscillations in longitudinal current of tunnel diodes, **2403**
Miller, R. C., Barkhausen pulses in $BaTiO_3$, **1888**
— *and A. Savage,* motion of 180° domain walls in $BaTiO_3$, **2643**
— *with A. Savage,* velocity of sidewise domain-wall motion in $BaTiO_3$, **218**
Miller, R. F., *with others,* preparation of films of Ni and Ni-Fe allovs, **3876**
Miller, S. C., *and M. A. Omar,* longitudinal magneto-resistance in Ge, **3846**
Millington, G., diffraction round sphere or cylinder, **1620**
Milliman, G. H., *A. E. Sanders and R. A. Mather,* radar-lunar investigations, **190**
— *and others,* Faraday-rotation effect on incoherent back-scatter observations, **3138**
Mills A. D., *with M. Tanenbaum,* uniform-resistivity Si by nuclear transmutation, **3441**
Mills, B. Y., identification of extragalactic radio sources, **850**
— *O. B. Slee and E. R. Hill,* radio sources between declination −20° and −50°, **1815**
— *with others,* interferometer for measurement of radio-source sizes, **1817**
Milne, A. R., under-ice acoustics in Barrow Strait, **4**
Milne, D. K., cryogenic waveguide, **3998**
Milner, C. J., *and K. J. Ausburn,* matching of Pierce guns to tunnels, **3978**
Milnes, A. G., *with W. N. Carr,* circuit control of tunnel-diode negative-resistance characteristics, **3569**
Milone, C., transconductance measurements on transistors, **2028**
Mims, W. B., *and J. D. McGee,* cross-relaxation in ruby, **282**
— *with P. A. Forrester,* seesaw maser operation, **1773**
Minkowski, J. M., cross-relaxation effects in K_3 (Co, Cr, Fe) $(CN)_6$, **656**
Minner, W., mutual conductance of alloy-junction and drift transistors, **2809**
— *with R. Sittner,* design of double-tuned band filters, **4032**
Minnis, C. M., estimate of peak sunspot number in 1968, **1830**
Minton, R. M., *with others,* temperature dependence of peak current of Ge tunnel diodes, **4333**
Mira, C., *and Y. Sevely,* trigger circuit, **83**
Miram, P., *and E. Palm,* rhombic aerials, **421**
Miranker, W. L., periodic solutions of wave equation with nonlinear interface condition, **1721**
Mirlin, D. N., *with M. I. Kornfel'd,* low-frequency fluctuations of conductivity in Ge, **2274**
— *with L. S. Sochava,* relation between excess noise and surface trapping, **2675**
Miroshnichenko, L. S., *with others,* photoelectron emission from Ge and Si, **1908**
Misarova, A., aging of $BaTiO_3$ crystals, **1203**
Miselyuk, E. G., *with R. M. Vinetskii,* determination of impurity concentration in Ge, **2676**
— *with others,* formation of dislocations in Ge, **1917**
Misme, P., equivalent gradient, **1020;** aspects of radio-meteorology and radio-climatology, **3126;** radio-climatology in Congo Basin, **3127**
Misra, P., *with T. Pradhan,* dielectric constant of dense electron gas, **511**
Mitra, S. N., *K. K. Vij and P. Dasgupta,* drift in ionosphere over Delhi, **870**
Mitrenin, B. P., *with others,* mechanism of carrier scattering in Ge, **3032**
Mitsek, A. I., *with E. A. Turov,* temperature dependence of ferromagnetic anisotropy, **974**
Mitsuishi, A., optical properties of CdTe in far infrared, **3001**
Mitterer, R., determination of frequency fluctuations by digital measurement, **1606**
Miura, T., *and K. Mano,* transistorized television receiver, **2394**
Miya, K., *T. Sasaki and M. Ishikawa,* F-layer and sporadic-E scatter at v.l.f. in Far East, **1979**
Miyadai, T., ferrimagnetic resonance in Eu-Fe garnet, **1950**
— *with Y. Shichijo,* magnetic properties and resonance of polycrystalline $Y_3Fe_{5-\varepsilon}In_\varepsilon O_{12}$, **648**
— *with others,* magnetic torque curves for $TmFeO_3$, **3083**
Miyahara, S., *with K. Muramori,* spontaneous magnetization of Mg ferrite-manganite, **1945**
Miyakawa, T., *with others,* theory of line shapes of i.m.o. absorption, **230**
Miyake, K., measurement of partial pressure of Cs over CsSb, **3580**
Miyata, J., *with T. Lentz,* magneto-optical read-out, **4313**
Miyata, N., electric conduction of ferrites containing Fe^{2+} ions, **2721**
Miyazaki, S., *with others,* plasma resonance in r.f. probe, **107;** ion density measurements by sounding rocket, **1850**
Miyazawa, H., *and H. Maeda,* anisotropic Hall coefficients in *n*-type Ge, **1571**
— *with others,* sign reversal of Hall coefficients at low temperatures in compensated Ge, **2683**
Mizushima, M., *with R. W. Zimmerer,* precise measurement of microwave absorption and velocity of light, **1814**
Mizuta, H., *with others,* effect of cation valencies on magnetic annealing of $Co_xFe_{3-x}O_4$, **1257**
Mobley, R. C., low-voltage supply for large electromagnets, **3157**
Moceyunas, A. J., *with others,* Faraday-rotation effect on incoherent back-scatter observations, **3138**
Mocham, I. V., *with others,* phonon component of transverse Nernst effect in *p*-type Ge, **950**
Moe, K., errors in satellite predictions, **4156**
Moeller, C., signal detection in periodic signal sequences, **3533**
Moffatt, D. L., *with R. J. Garbacz,* bistatic scattering from small absorber-coated metal shapes, **3347**
Moffet, A. T., *and P. Maltby,* brightness distribution in extragalactic radio sources, **3740**
Moffitt, B. R., *with others,* symmetrical transistors as a.c. or d.c. switches, **2108**
Mohanty, G. P., *and L. V. Azároff,* distribution of electrons in CdS crystals, **1191**
Möhling, W., *and H. Thiel,* real structure of CdS single crystals, **4161**
Moizhes, B. Ya., theory of *p-n*-junction photocells, **2037;** efficiency of thermoelectric generators and refrigerators, **2745**
Mokhov, G. D., *with others,* photoconductivity of S layers treated with Hg vapour, **2994**
Moll, J. L., *N. I. Meyer and D. J. Bartelink,* hot-electron emission from Si *p-n* junctions, **3835**
— *with W. Shockley,* solubility of flaws in semiconductors, **597**
Möller, R., television in Germany, **1039**
Molozzi, A. R., *C. A. Franklin and J. P. I. Tyas,* cosmic noise measurements from 1960η1, **2566**
— *with J. H. Chapman,* cosmic-noise measurements at 3·8 Mc/s from satellite 1960η1, **3737**
Monforte, F. R., *F. W. Swanekamp and L. G. Van Uitert,* r.f. technique for pulling oxide crystals, **3087**
Monser, G. J., pick-up devices for v.l.f. reception, **2765**
— *and E. D. Botkin,* omnidirectional K-band antenna, **4012**
Montalbetti, R., *and D. J. McEwen,* H_γ emissions 9th–16th November 1960, **4142**
Montalenti, G., *and C. Sarti,* influence of subgrain structures on magnetic properties of pure iron, **3870**
— *with others,* effect of neutron-bombardment on high-μ Fe, **980;** magnetic viscosity due to solute atom pairs, **1250, 2704**
Monteath, G. D., *G. H. Millard and D. J. Whythe,* use of high-gain television transmitting aerial, **1074**
Montgomery, D., nonlinear time-dependent plasma oscillations, **4067**
Montgomery, G. F., parametric amplification with l.f. pump, **3307**
Montgomery, M. D., tunnel-diode detector, **2414**
Moody, N. F., *and A. G. Wacker,* broad-band tunnel-diode amplifier, **2141**
Moody, P. L., *H. C. Gatos and M. C. Lavine,* growth of GaAs crystals, **253**
Mooney, R. W., tin-activated calcium orthosilicate phosphors, **1539**
Moorcroft, D. R., models of auroral ionization, **3409, 3410**
Moore, B. W., *and J. P. O'Neil,* transistorized ripple filters, **3549**
Moore, J. G., *with others,* determination of ozone distribution by satellite photometry, **3386**

Moore, P., *with J. C. Brice*, contactless resistivity meter for semiconductors, **3861**
Moore, R. A., *with A. B. Bhatia*, ultrasonic attenuation in metals, **3443**
Moore, R. G., Jr, *with V. H. Clingman*, application of ferroelectricity to energy conversion processes, **2746**
Moore, R. K., *with others*, radar terrain return, **1180**
Mooser, E., *with others*, measurement of galvanomagnetic effects in high-resistance semiconductors, **4248**
Morgan, D. J., *with others*, critical concentrations in Ising and Heisenberg models, **498**
Morgan, H. L., ultrasonic transducer design, **3986**
Morgan, J. V., *with H. E. Spencer*, hole mobility and crystal size in PbS films, **902**
Morgan, M. J., *with D. J. Hamilton*, tunnel-diode pair, **3677**
Morgan, R. E., magnetic-controlled rectifier power amplifier, **3688**
Morgan, R. H. C., nonlinear effects in rotating-coil p.p.i. displays, **2991**
Morgan, S. P., *and F. M. Smits*, potential distribution and capacitance of graded *p-n* junction, **1346**
— *with others*, scattering by spherical satellite, **328**
Morinet, G., *with others*, properties of $BaTiO_3$, influence of additives on, **220**, effect of metallic oxides on, **221**
Morita, T., *with W. E. Scharfman*, voltage breakdown of antennas at high altitude, **418**
Morita, Y., *with others*, slow decay in field effect on Ge p^+-n junction, **3847**
Moriya, T., superexchange interaction and weak ferromagnetism, **828**
Morleigh, S., dielectric drum storage system, **2102**
Moroz, V. I., *with others*, ionized gas and high-energy electrons in vicinity of earth, **138**
Morozov, A. I., anisotropy of surface breakdown of Ge, **2679**
Morozov, A. V., *with others*, thermionic emission of Ba_3WO_6, **2817**
Morphew, K. L., ratiometer phase angle indicator, **675**
Morris, D., *and A. G. Mungall*, guided TE surface waves, **2353**
— *with A. G. Mungall*, time delay and frequency response of resonant cavities, **1743**
Morris, F. D., *with others*, broad-band telecommunication systems, **4294**
Morrison, C. A., *with N. Karayianis*, travelling-wave cavity, **4027**
Morrison, J., forcing-function generator, **2100**
Morrison, J. A., noise propagation in drifting multivelocity electron beams, **1368**
— *and H. L. Frisch*, nonlinear diffusion-controlled growth of precipitates, **225**
Morrison, S. R., *with others*, surface states on cleaved Si, **1910**
Morriss, R. W., anomalous winter absorption, **137**; sudden ionospheric disturbances, **175**
Moser, E., *with others*, Mn-Zn ferrites, with different hysteresis loops, **3488**, with isoperm loop, **1944**
Moser, J. K., bistable systems of differential equations for tunnel-diode circuits, **4038**
Moss, G. L., *with others*, preparation of films of Ni and Ni-Fe alloys, **3876**
Moss, H., cathode loading limit in circular-beam devices, **2052**
Moss, H. I., large-area thin-film photovoltaic cells, **2814**
Moss, T. S., *and T. D. H. Hawkins*, interband photoconductivity in Ge, **617**
Mostor, P. M., *J. L. Newinger and D. S. Rigney*, capacitor charging efficiency for space systems, **2784**
Mothersole, P. L., *with W. E. Matthews*, controlled interference generator, **715**
Mott, J., *with others*, amplitude variations of Sputnik III signals, **1161**
Mount, E., *and B. Begg*, bibliography for parametric devices and masers, **88**
Moxon, L. A., tunable rejection filters, **3665**
Mrass, H., *with H. G. Diestel*, pressure transmission factor of microphones, **1398**
Mueller, C. W., *and R. D. Gold*, h.f. varactor diodes, **2026**
Mueller, R. K., current flow across grain boundaries in *n*-type Ge, **2681**
— *and R. L. Jacobson*, growth twins in InSb, **2292**
— *with W. W. Lindemann*, grain-boundary photoresponse, **581**
Mueller, W. M., reduction of beam noisiness, **2049**; — propagation in periodic electron beams, **3981**
Muhlbaum, A. N., *with J. L. J. van Vroonhoven*, electronic digital voltmeters, **1003**
Mühlberg, E., building of Bisamberg transmitting installation, **1664** *f*
Mühleisen, R., *and H. J. Fischer*, measurement of atmospheric electric field, **161**
Muhleman, D. O., *and others*, solar pressure perturbations of Echo I, **1158**
Muir, H. M., *with R. C. Vickery*, anomalous thermoelectric properties of GdSe, **2301**
Mukai, H., *with S. Hamada*, staggered operation of doubly resonant parametric amplifiers, **2901**
Mulcahy, M. J., *with others*, microwave method of investigating pulsed discharges, **300**
Mullaly, R. F., *with T. Krishnan*, dm bursts concurrent with solar type-IV radiation, **4086**
Müller, F., validity of curl curl v = grad div $v - \Delta v$, **1596**; theory of mode conversion, **4070**
Müller, G., magnetic flux counter, **4017**
Müller, H. G., *with others*, internal stress energy of Bloch walls, **4205**
Müller, J., television long-distance links, **2398**
Müller, K., sound broadcasting and television, **2437** *b*
Müller, K. E., radiation characteristics of elliptic waveguide, **2473**
— *and J. Göller*, horn radiators as gain standards, **2856**
— *and G. Martin*, communal aerials, **413**
— *with E. Düniss*, reflection of plane reflectors in dm range, **46**
Müller, K. H., selective high-frequency amplification with tunnel diodes, **3313**
Müller, M., negative-impedance amplifier using Esaki diodes, **3314**
Muller, M. W., pulsed ferromagnetic microwave generator, **2518**; distribution of magnetization in ferromagnet, **3866**
Müller, O., Zawels equivalent circuit, **1345**
Müller, V., inhomogeneous waves in diffraction field, **1473**
Mullin, J. B., *and K. F. Hulme*, orientation-dependent distribution in melt-grown InSb, **1929**
Mumford, W. W., microwave radiation hazards, **2433**
Mungall, A. G., *and D. Morris*, time delay and frequency response of resonant cavities, **1743**
— *with D. Morris*, guided TE surface waves, **2353**
Münzer, P., design of microwave periscopes, **45**
Murakami, K., *and T. Kikuchi*, flux resetting characteristics of full-wave magnetic amplifier, **471**; core gain of magnetic amplifier cores, **3654**
Muramatsu, K., *with S. Ishikawa*, observational results of f_{min} at Yamagawa, **871**
Muramori, K., *and S. Miyahara*, spontaneous magnetization of Mg ferrite-manganite, **1945**
Muraoka, T. *with others*, ion density measurements by sounding rocket, **1850**
Murcray, W. B., *and J. H. Pope*, radiation from protons of auroral energy, **889**; energy fluxes from cyclotron radiation, **2220**
Murray, A. A., *with A. G. Chynoweth*, pinch effect in InSb, **3854**
Murrmann, H., *and C. Schwink*, homogeneous magnetic fields for optical investigations of ferromagnetics, **1256**
Murty, J. S., *with B. R. Rao*, diffraction of light by v.h.f. ultrasonic waves, **2833**
Murty, Y. S. N., *and S. R. Khastgir*, general expression for group refractive index of ionosphere, **2965**
— *with others*, measurements of noise in Delhi area, **3924**
Musen, P., motion of satellite in asymmetric gravitational field, **166**; theory of artificial satellites, **1834**; lunisolar effect in motion of earth satellite, **3384**
Müser, H. E., dielectric nonlinearity of Rochelle salt, **2250**
Mushiake, Y., *with A. Komata*, effects of dielectric coatings on radar cross-section of sphere, **900**
Musson-Genon, R., *and J. Faralier*, electrically tuned klystron, **3589**
Mutter, W. E., *with others*, diffusion process for In in *n*-type Ge, **947**
Mycielski, J., mechanism of impurity conduction in semiconductors, **3820**
Mydosh, J. A., *with others*, temperature effects on GaAs switching transistors, **4351**
Myers, J., *with D. Long*, scattering anisotropies in *n*-type Si, **937**
Nabarro, F. R. N., *with R. K. MacCrone*, broadcast-frequency waves during annular eclipse, **1987**
Naemura, A., *with others*, magnetic torque curves for $TmFeO_3$, **3083**
Nagae, M., *with others*, theory of line shapes of i.m.o. absorption, **230**
Nagai, K., *R. Sato and H. Uchida*, antenna constructed by parallel wires, **3632**
— *with others*, magnetic storm and ionospheric disturbances 13th September 1957, **3773**
Nagaraja Rao, C. R. See Rao, C. R. N.
Nagashima, K., *with others*, solar-produced cosmic rays near poles, **1825**
Nagle, J. J., crystal-stabilized tunnel-diode oscillators, **4040**
Nagumo, J., *and M. Shimura*, self-oscillation in transmission line with tunnel diode, **3669**
Nahman, N. S., *and G. M. Gooch*, characteristics of superconductive coaxial line, **395**
Nahum, J., *with A. Halperin*, properties of semiconducting diamonds, **3048**
Nain, H. J., *with D. Hazony*, synthesis procedure for *n*-port network, **4037**
Naismith, R., *H. C. Bevan and P. A. Smith*, relation of sunspot numbers to E-region character figures, **2968**
Nai-Ta Ming, realization of linear quadripoles, **67**
Nakada, O., *with K. Aizu*, macrodomains of $BaTiO_3$ crystals, **3809**
Nakahara, O., anomaly in transistor characteristics, **1347**
Nakajima, T., *with others*, volume magnetostriction in Ni-Fe alloys, **4214**
Nakamura, E., *and J. Furuichi*, measurement of microwave dielectric constants, **1547**
Nakamura, T., theory of ferroelectric domain growth, **919**
— *and T. Kasai*, image converter tube for high-speed photography, **1282**
— *with others*, v.h.f., u.h.f. and s.h.f. propagation beyond horizon, **317**
Nakamura, Y., *T. Nakajima and H. Takaki*, volume magnetostriction in Ni-Fe alloys, **4214**
Naleçz, M., mechanical measurement, **1007**
Namikawa, T., reflection and refraction of hydromagnetic waves in ionized gas, **4102**
Nanavati, R. P., shift of peak voltage with temperature in tunnel diodes, **1335**
Nanbo, S., *with others*, high-speed facsimile system with electronic scanning, **3949**
Nand, S., *with S. N. Ghosh*, ionization of E layer by X rays, **2201**
Narken, B., *with J. A. O'Connell*, increasing brightness/voltage nonlinearity of electroluminescent devices, **676**; optical erasure of storage elements, **4015**
Narrog, J., investigations on magnetostrictive rings, **3498**
Narud, J. A., *and T. A. Fyfe*, tunnel-diode curve tracer, **2803**
Nash, W. B., *and K. J. Standley*, wall effect in ferrimagnetic resonance, **274**
Nasledov, D. N., *M. P. Pronina and Yu. S. Smetannikova*, photosensitivity spectrum of InSb, **1878**
— *with Ya. Agaev*, electrical properties of AlSb-InSb, **957**
— *with Lyan Chzi-chao*, influence of electric field on InSb at low temperature, **961**
— *with others*, scattering in current carriers in GaAs, **1926**; magnetothermal effects in InAs, **2291**
Naugle, J. E., *and D. A. Kniffen*, flux and energy spectra of protons in Van Allen belt, **3743**
— *with H. E. Newell*, radiation environment in space, **1148**
Naumov, G. P., *with others*, surface layers on CdTe, **2623**; *p-n*-junction CdTe photocells, **2815**, **2816**
Nee, J., *with R. A. Elco*, reactance tube as parametric frequency divider and amplifier, **1779**
Neeteson, P. A., analysis of ferrite-core switching, **2870**
Neff, H. P., *with others*, theory of single-ring antenna array, **3641**
Neidhardt, P., Land's colour-vision theory and television, **341**; electronics in data-processing systems, **1631**; colour television, with two primary colours?, **711**, electronic measurement techniques for, **1650**, Henri de France system for, **2388**, design of film scanners for, **2389**; reflected-beam picture tube, **3954**
Neirynck, J., energy properties of nonlinear reactance circuits, **3268**
Nekrashevich, A. M., *with others*, efficiency of helix waveguide, **28**
Nekrutkina, G. P., *with others*, cm-wave propagation through plasma-filled waveguide, **3624**
Nelson, D. E., *with F. Sterzer*, tunnel-diode microwave oscillators, **2411**
Nelson, D. F., *and R. J. Collins*, spatial coherence of optical maser, **2553**
— *with others*, light emission from ruby, **657**
Nemilov, Yu. A., *with others*, induced conductivity in ZnS layers, **2995**
Nemirovskii, N. S., *with V. I. Kaganov*, effect of interference on a.f.c. system, **3929**
Nergaard, L. S., amplification trends, techniques and problems, **2044**
Nerurkar, N., *with others*, cosmic-ray phenomena during solar disturbances, **3370**
Nesbitt, E. A., *and E. M. Gyorgy*, permalloy for high-speed switching, **3886**
Nethercot, A. H., Jr, switching time of subharmonic oscillators, **460**
Nethercot, W., *with A. H. Ball*, radio interference from ignition systems, **3141**
Neu, W., p.c.m. techniques, **2004**
Neufeld, J., space dispersive properties of plasma, **3711**
— *and P. H. Doyle*, e.m. interaction of beam of charged particles with plasma, **2154**
Neumann, E. G., *with G. Kurtze*, dipole absorber for cm e.m. waves, **2545**
Neuringer, L. J., *and W. Bernard*, generation-recombination noise in Au-doped Ge, **3040**
Newell, A. F., *with P. James*, switching times for transistors, **1348**
Newell, H. E., *and J. E. Naugle*, radiation environment in space, **1148**
Newinger, J. L., *with others*, capacitor charging efficiency for space systems, **2784**
Newman, B. T., *H. Cahn and R. Keyes*, evaluating radio receiver susceptibility to interference, **2766**
Newman, R. C., identification of precipitate particles in Si, **1214**
Newman, W. L., U.K. television links, **2796**
Newnham, R. E., *with V. Ern*, effect of WO_3 on $BaTiO_3$, **3812**
Newstein, M. C., *with J. Kotik*, theory of laser oscillation in Fabry-Perot resonators, **1809**
Niblett, E. R., geomagnetic variations 12th–16th November 1960, **4101**
— *with others*, distribution of magnetic activity in Canada, **1156**
Nichol, A. W., *with O. K. Garriott*, ionospheric data from Doppler shifts at harmonic frequencies, **4128**
Nichols, K. G., matrix representation of linear amplifiers, **3291**
Nicholson, S. B., *and O. R. Wulf*, diurnal variation of *K* indices 1940–1948, on quiet days, **2576**, on disturbed days, **4104**
Niclas, K. B., quadripole properties of electron beams, **3584**; minimum noise figure of travelling-wave tubes, **4364**
Nicol, J., *S. Shapiro and P. H. Smith*, direct measurement of superconducting energy gap, **967**
— *with others*, superconducting characteristics of superimposed metal films, **3476**
Nicolai, W., electronic measurement of physiological phenomena, **308**
Nicolet, M., structure of thermosphere, **1164**
— *with D. R. Bates*, rate of ion-atom interchange, **3390**
Nicoll, F. H., *and A. Sussman*, image intensifier panel, **735**
Niekisch, E. A., measurement of trap capture cross-sections in CdS, **2998**
Nielsen, E. G., noise performance of tunnel diodes, **727**
Nielsen, J. W., *with J. F. Dillon, Jr*, ferrimagnetic resonance in doped Y-Fe garnet, **989**
Niemeck, F., *with others*, PbSe films of high stability, **2244**
Niese, H., acoustic measurements using f.m. band noise, **8**; loudness growth, inertia of, **11**, laws of, **3989**; subjective loudness measurement of band-pass noise, **12**; dynamic characteristics of objective loudness meters, **391**; noise generator with constant bandwidth, **1388**; sound-level distribution meter, **3226**
Nii, R., thermal conductivity in semiconductors, **602**

— *with others*, oscillatory magnetoresistance in *n*-type PbTe, **2694**
Niizeki, N., *with others*, magnetic torque curves for $TmFeO_3$, **3083**
Nikitin, E. N., semiconducting properties in Si-Co system, **2692**
Niklas, W. F., *with P. J. Dolon*, electron transmission of mesh lenses for scan magnification, **1324**
Nikolaev, A. G., *with others*, radiation measurements of third space rocket, **2947**
Nikolaev, R. M., *with others*, interaction of electron beam with plasma, **1792**
Nikol'skii, V. V., *with D. I. Mash*, measurement of permittivity and permeability of ferrites at mm λ, **649**
Nilssen, O. K., generating signals of frequency-independent phase difference, **2503**; ferrite rod antenna arrangement for a.m. radios, **3249**
Nine, H. D., *and R. Truell*, photosensitive-ultrasonic properties of CdS, **4164**
Nisbet, J. S., electron-density distribution from rocket measurements, **181**
— *and S. A. Bowhill*, electron densities in F region, **882**
Nisbet, T. R., *and W. W. Happ*, calculus of deviations applied to transistor circuit and network analysis, **2875**; Jacobians for frequency-selective networks, **3274**
Nishida, S., coupled leaky waveguides, **1082**
Nishiguchi, K., *and H. Sawabe*, ultrasonic studies of core magnetization processes, **3885**
— *with others*, ultrasonic measurement of magnetization in Mn ferrite, **654**
Nishikori, K., *with others*, u.h.f. overland propagation beyond horizon, **318**
Nishina, Y., *and G. C. Danielson*, microwave measurement of Hall mobility, **4250**
— *with B. Lax*, interband Faraday rotation in semiconductors, **3024**
— *with others*, microwave measurement of mobility, **4249**
Nishizaki, T., *with R. E. Barrington*, whistler dispersion, and exospheric hydrogen, **191** *c*, hydrogen ion effect in, **2225**
Nishizawa, J., h.f. properties of thermal-avalanche negative-resistance diode, **722**
Nitsche, R., *with others*, photoconductivity in ternary sulphides, **1872**
Niwa, S., *with others*, u.h.f. overland propagation beyond horizon, **318**
Nix, W. D., *and R. A. Huggins*, domain configurations about nonmagnetic particles in Fe, **2705**
Noble, R., reliability of magnetic tape for data processing, **445**
Noda, K., mode exciters in circular waveguides, **1408**; circular electric wave transmission through hybrid-mode waveguide, **1409**; reflections and mode conversions in imperfect junctions, **2083**
— *and K. Yamaguchi*, dielectric-coated waveguide construction and characteristics, **2465**
Nodvik, J. S., *with others*, optical constants of Ge, **3452**
Nomura, K. C., *and J. S. Blakemore*, decay of excess carriers in semiconductors, **2258**
— *with others*, effects in dislocated Te, **1211**
Nomura, S., *with others*, properties of Ti sesquioxides, **1576**
Nomura, Y., *and S. Inawashiro*, transmission of acoustic waves through thick wall, **2063**
Norinder, H., *and E. Knudsen*, relation between lightning discharges and whistlers, **1177**; dispersion of whistlers, **3782**
Northover, F. H., effect of multiple inversions on tropospheric propagation, **2344, 4273**
Northrip, J. W., high-temperature discharges in ferroelectric ceramics, **1202**
Norton, J. A., *with others*, project Echo antenna steering system, **3937**
Nosé, H., spin-wave resonance in Ni films, **2709**
Novikov, B. V., *with E. F. Gross*, effect of surface treatment on photoconductivity of CdS, **2237**
Novikov, S. R., *with others*, diffusion of minority carriers in magnetic field, **2661**; negative photoconductivity in magnetic field, **3042**
Novikova, S. I., *and P. G. Strelkov*, thermal expansion of Si at low temperatures, **2267**
Nowak, W., permeability tensor and dielectric constant of ferrites at 3 Gc/s, **2328**; waveguide directional couplers, **3243**; oblique-slot coupler, **3244**
Nussenzveig, H. M., solution of diffraction problem, **1130**
Nyberg, D., *with others*, zig-zag oscilloscope presentation for μ sec time intervals, **1963**
Nygaard, K., atomic-clock accuracy for crystal oscillators, **996**
Oakes, J. B., *with J. W. Hamblen*, Transit navigational satellite, **4151**
Obayashi, T., *and Y. Hakura*, propagation of solar cosmic rays, **538**; solar corpuscular radiation and polar disturbances, **562**
Oberbeck, H., radio-link system for 5 high-quality channels, **2771**
— *with R. Heer*, FM120/2200: modulation equipment, **3150**
Oberg, H. J., frequency stability of cavity resonators, **64**
Obermair, G., *and C. Schwink*, magnetization and field of rods, **2542**
Obraztsov, Yu. N., *I. V. Mocham and T. V. Smirnova*, phonon component of transverse Nernst effect in *p*-type Ge, **950**
O'Brien, B. J., *and G. H. Ludwig*, development of multiple radiation zones, **152**
— *and others*, correlation of auroral arc and outer-zone radiation, **157**
O'Brien, P. A., *with N. D. Clarence*, dispersions of multiple-stroke whistlers, **2987**
Ochi, F., *with others*, automatic ionogram scaler, **2972**
Ochs, A., *with B. Beckmann*, radio propagation conditions in I.G.Y., **2758**
Ochs, G. R., *with others*, effects of multiple propagation in meteor-burst communication, **327**
Ochs, S. A., plug-type image-orthicon target, **2016**
O'Connell, J. A., *and B. Narken*, increasing brightness/voltage nonlinearity of electroluminescent devices, **676**; optical erasure of storage elements, **4015**
O'Connell, J. H., *with others*, stereophonic system for a.m. broadcast band, **1311**
O'Connor, J. J., 400-c/s tuning-fork filter, **457**
Oechsner, H., *with H. Fetz*, investigation of h.f. plasmas by d.c. probe, **1790**
Oehme, E., decoding circuits, **1442**
Offner, M., *with J. Deutsch*, magnetically variable coaxial attenuator, **2838**
Ogawa, T., measurement of conductivity and dielectric constant without contacting electrodes, **2734**
— *S. Ando and A. Yoshida*, vertical-incidence Doppler ionogram, **1851**
Öğder, M., *with H. Kutlu*, photoelectric effect in Ag-As-S alloys, **1532**
Ogilvie, K. W., *with others*, rocket observations of solar protons, **2943**
Ogino, Y., *with others*, diffusion coefficient of B in Si, **939**
Oguchi, T., e.m. wave attenuation due to rain, **1977**
— *and A. Honma*, ferro- and antiferro-magnetic resonance absorption, **2171**
— *with others*, effect of polarization on attenuation of rain at mm λ, **3909**
Oguey, H. J., flux measurement of thin magnetic films, **303**; 'coupling' in magnetic-film switching circuits, **1738**
Oh, L. L., *and C. D. Lunden*, high-speed microwave switch, **3622**; zigzag-line couplers transfer microwave power, **3623**
Ohara, S., *and K. Takayama*, oscillation caused by electron sheath breakdown, **492**
Ohi, G., correction of measurements, **292**
Ohlsen, G. T., static switching, **58**
Ohm, E. A., project Echo receiving system, **3926**
Ohman, G. P., high-range resolution with pulse compression radar, **580**
Ohme, W., continuously variable band-pass filter, **1437**
Ohta, K., decrease of magnetic permeability in mixed ferrites, **2719**
Ohta, T., *M. Nagae and T. Miyakawa*, theory of line shapes of i.m.o. absorption, **230**
Okada, J., *and T. Suzuki*, α-trapping centres in *n*-type Si, **2668**
Okada, K., ferroelectric properties of X-ray-damaged Rochelle salt, **3013**
Okajima, Y., *with others*, high-speed facsimile system with electronic scanning, **3949**
Okamura, S., *and others*, effect of polarization on attenuation of rain at mm λ, **3909**
Okaya, A., rutile microwave resonator, **452**
Okaya, Y., *with others*, structure of ferroelectric $LiH_3(SeO_3)_2$, **217**
Okazaki, A., *with S. Asanabe*, electrical properties of GeSe, **245**
Okazaki, S., confirmation of lifetimes, **2651**
Okwit, S., *and J. G. Smith*, travelling-wave maser with bandwidth 100-Mc/s, **3302**
— *F. R. Arams and J. G. Smith*, electronically tunable travelling-wave masers, **805**
— *with others*, low-level garnet limiters, **3631**
Olbricht, K. H., self-resonance of ceramic capacitors, **447**
Olesen, J. K., *and J. W. Wright*, relation of low-height ionosonde echoes to auroral-zone absorption and v.h.f. D scatter, **2598**
Oleson, N. L., *with others*, beam-plasma interaction in argon discharge, **3708**
Oliner, A. A., *with H. M. Altschuler*, discontinuities in centre conductor of strip line, **403**
— *with S. Edelberg*, mutual coupling effects in large antenna arrays, **1079**
Olivier, R., *and D. Reverdin*, O-type carcinotron tubes for measurements, **3597**
Ollendorff, F., ion motion in semiconductors, **594**; electrodynamics of image force, **1458**; e.s. field in metals, **4063**
Olson, F. A., *with R. M. Hill*, microwave oscillation and detection by smooth-anode coaxial magnetron, **758**
— *with others*, L-band travelling-wave parametric amplifier, **3308**
Olson, N., acoustic properties of anechoic chamber, **3614**
Olthuis, R. W., gas-discharge microwave power coupler, **2457**
Olving, S., *with J. Meos*, radar echoes associated with auroral activity, **567**
Omar, M. A., *with S. C. Miller*, longitudinal magnetoresistance in Ge, **3846**
O'Meara, T. R., delay filters for compression, **458**
Omiya, N., *with others*, automatic ionogram scaler, **2972**
Ondoh, T., origin of v.l.f. noise, **2605**; explanation of sc^* at high geomagnetic latitudes, **3381**
— *and S. Hashizume*, effect of proton gyration in outer atmosphere, **571**
— *with H. Maeda*, quasi-perpendicular propagation of hydromagnetic waves, **861**
O'Neil, J. P., *with B. W. Moore*, transistorized ripple filters, **3549**
Onose, K., nonstationary parametrons, **1098**
Onoye, M., *and others*, automatic ionogram scaler, **2972**
Ophir, D., *and U. Galil*, Zener-diode logarithmic pulse amplifier, **3686**
Oraevskii, A. N., *with N. G. Basov*, use of slow molecules in molecular generators, **802**
Orbach, R., spin-lattice relaxation in paramagnetic salts, **2552**
Orefice, G. T., strip-transmission-line tuners, **2842**
Origlio, S., *with P. Della Porta*, quantity of Ba evaporated from getters, **2233**
Orsak, L. E., *and L. W. Martin*, d.f. at low frequencies, **207**
Ortenburger, I. B., *with W. B. Hanson*, coupling between protonosphere and F region, **2978**
Ortner, J., *with others*, electron bombardment of atmosphere at sudden commencement, **2573**
Ortwein, N. R., *R. U. F. Hopkins and J. E. Pehl*, properties of tropospheric scattered fields, **2341**
Oshida, I., electrochemical diodes, **2012**
Oslund, K. C., *with others*, solar pressure perturbations of Echo I, **1158**
Oster, L., *and K. W. Philip*, existence of net electric charges on stars, **(D)1141**
Otterbech, H., lightning protection of broadcasting stations, **4309**
Ottmann, A., *with others*, Ge tunnel diodes for h.f. range, **1665**
Otto, E., physiology and psychology of television, **2786**
Otto, J. E., *and W. Schaffernicht*, radar picture transmission: storage tubes, **1864** *b*
Otto, W., design of cavity resonators, **1431**
Owen, P. L., *M. F. Partridge and T. R. H. Sizer*, digital differential analyser, **436**, control pulse generation for, **2860**, main store of, **3650**
Owren, L., *with others*, focusing at skip distance **(D)1292**
Owyang, G. H., dielectric coaxial supporting bead, **3994**
— *and R. King*, complementarity in study of transmission lines, **18**
— *with R. King*, study of slot aerial and three-element collinear array, **423**
Oxenham, J. K., *with others*, photoelectric beam-index colour television system, **4321**
Oxley, A. J., reversible dekatron counter, **796**
Ozaki, H. T., *with P. M. Flatman*, scattering of waves from cylindrical plasma, **123**
Ozarow, V., *with P. H. Gleichauf*, electron-microscope studies on SiC *p-n*-junction emitters, **2273**
Ozerov, V. D., *with others*, interplanetary investigation of second Soviet space rocket, **151**

Pace, J. H., *D. F. Sampson and J. S. Thorp*, spin-lattice relaxation times, in ruby, **992**, in sapphire and rutile, **1594**
Pacey, A. J., *with L. F. Bates*, thermomagnetic behaviour of Co ferrite, **1942**
Pack, J. L., *and A. V. Phelps*, drift velocities of slow electrons, **2153**
Packer, D. M., altitudes of night airglow, **3778**
Packer, L., *with others*, digital techniques in l.f. spectrum analysis, **998**
Paetzold, H. K., variations of upper air density, model for, **1839**, annual, **3401**; atmospheric density in ionosphere and exosphere, **3389**
— *and H. Zschörner*, variable conditions of exosphere, **3776**
Page, H., suppression of corona and precipitation interference in v.h.f. reception, **3531**; aerials, **4002**
— *G. J. Phillips, and J. A. S. Fox*, analogue computer for radiation patterns, **2095**
Paige, E. G. S., drift mobility of electrons and holes in Ge, **1567**
— *with M. A. C. S. Brown*, electric-field-induced modulation of absorption in Ge, **3838**
— *with T. P. McLean*, effects of carrier-carrier scattering on mobility, **1551**; electron-hole scattering, **2278**
Paillère, P., *with R. Lacoste*, specific surface resistance and its measurement, **817**
Paine, W. L., acoustic measurements under transient temperature conditions, **3611**
Palik, E. D., *and R. F. Wallis*, infrared cyclotron resonance in InAs and InP, **3852**
— *and others*, infrared cyclotron resonance in InSb, **3058**
— *with S. Teitler*, Voigt effect in semiconductors, **1236**
Palla, P., *with others*, properties of $BaTiO_3$, influence of additives on, **220**, effect of metallic oxides on, **221**
Pallett, J. E., transistor as temperature-sensing device in temperature control systems, **3119**
Palm, E., *with P. Miram*, rhombic aerials, **421**
Palmeira, R. A. R., *with K. G. McCracken*, comparison of solar cosmic-ray injection, **144**
— *with others*, cosmic-ray phenomena during solar disturbances, **3370**
Palmer, D. R., *S. R. Morrison and C. E. Dauenbaugh*, surface states on cleaved Si, **1910**
Palmer, H. P., *with others*, limits to diameters of radio sources, **524**
Palmer, W., magnetic annealing of Co-substituted magnetite, **985**
Pamplin, B. R., *with others*, properties of $InAs\text{-}In_2Te_3$ alloys, **3462**
Panaiotov, L. A., camera for filming faint satellites, **2586**
Pancholi, S. C., *and N. K. Saha*, diode-bridge coincidence circuit, **4046**
Pandarese, F., optimum filters, **2876**
Pankey, T., *with others*, magnetic susceptibility of TiO_2, **1248**
Pantell, R. H., *with K. K. Chow*, cyclotron-resonance backward-wave oscillator, **756**
Panzer, S., *and K. H. Steigerwald*, electron beam as tool, **3120**
Papadimitraki, H., thermal and electrical conductivity of ferromagnetics, **3867**
Papadopoulos, V. M., diffraction of pulse by resistive half-plane, **503**
Pappalardo, R., *and R. E. Dietz*, absorption spectra of transition ions in CdS, **4162**
Pappas, C. F., *L. E. Vogler and P. L. Rice*, determination of ray bending in exponential atmosphere, **2342**
Paranjape, B. V., behaviour of hot electrons in microwave fields, **3817**

— *and J. S. Levinger*, Ettingshausen effect in semiconductors, **932**
Parilskii, Yu. N., new source of cm radio waves, **3361**; characteristics of NCC4486 radio emission, **3367**
Parisi, F., measurement of resonance coefficients, **3504**
Paritskii, L. G., *with others*, kinetics of infrared impurity photoconductivity in CdS, **1194**; effect of trapping levels on photoconductivity and carrier lifetime, **3015**
Parker, E. N., geomagnetic fluctuations and outer zone of Van Allen belt, **533**; effect of hydromagnetic waves in dipole field on longitudinal invariant, **2183**
— *with others*, geomagnetic-storm sudden-commencement rise times, **162**
Parker, F. W., *with P. A. Lindsay*, potential distribution between emitting electrodes, **497**
Parker, R. A., *and J. H. Wasilik*, dielectric constant and dielectric loss of TiO_2, **1543**
Parker, W. E., *with L. V. East*, logarithmic d.c. amplifier, **798**
Parkes, D. A., *with D. J. Sullivan*, stepped transformers for partially filled transmission lines, **21**
Parks, G. H., symmetrical transistors, **1672**
Parkyn, D. G., analysis of satellite data, **4105**
Parr, J. C., printed-circuit waveguides, **775**
Parravano, G., *with N. Perakis*, reproducible ferromagnetism in impure NiO, **270**
Parris, S. R., *and D. A. Staar*, accurate phantastron delay circuit, **466**
Parsons, D., *with J. Crangle*, magnetization of ferromagnetic binary alloys, **631**
Parsons, N. R., effects of world-wide primary cosmic radiation on daily intensity, **529**
Partington, G. E., design of 4¼-in. image-orthicon camera channel, **1658**
— *with T. Mayer*, simplified image orthicons, **4319**
Partridge, M. F., *with others*, digital differential analyser, **436**, main store of, **3650**, control pulse generation for, **2860**
Pasachoff, J. M., *with H. C. Ingrao*, response profile of photomultipliers, **4352**
Paschke, F., mechanism of multipactor effect, **2533**; frequency multiplication and phase distortion in klystrons and travelling-wave tubes, **3200**
Passon, B., *with J. Kranz*, Kerr hysteresis effect, **3879**; measurement of surface magnetization of Fe-Si crystals, **4225**
Pastushuk, N. S., *with others*, photoconductivity of S layers treated with Hg vapour, **2994**
Patel, V. L., *with K. Maeda*, seasonal variations of cosmic-ray intensity in polar regions, **2939**
Patrick, L., *and W. J. Choyke*, lattice absorption bands in SiC, **4184**
Patrina, I. B., *with others*, electrical properties of semiconducting oxide glasses, **2657**
Patsekevich, V. M., *with others*, effect of fast-electron bombardment on Si, **3031**
Patterson, J. D., *with E. S. Kuh*, design theory of optimum negative-resistance amplifiers, **2895**
Patterson, T. N. L., *with D. R. Bates*, hydrogen atoms and ions in thermosphere and exosphere, **3775**
Patton, W. T., *with others*, backward-wave radiation from periodic structures, **2470**
Paul, A. K., calculation of true heights, **2591**; active h.f. spectrometers for ionospheric sounding, **2973**
— *H. Porsche and K. Rawer*, active h.f. spectrometers for ionospheric sounding, **3403**
Paul, R., iterative networks in oscillator circuits, **1103**; frequency characteristics of alloy transistors, **2808**; transistor quadripole parameters, **3964**; 'spread' in transistors, **4339**
Paul, W., *with M. Cardona*, pressure dependence of energy gap in Ge, **1915**
— *with others*, pressure dependence of ZnO resistivity, **621**; polarizability of free carriers in Ge and Si, **1906**
Paulson, K. V., *with P. A. Forsyth*, radio-star scintillations and auroral zone, **4082**
Paulus, M., *kw* walls in ferrites, **643**
Pauw, L. J. v. d. See van der Pauw, L. J.
Pawley, E. L. E., B.B.C. 1939–1960, sound broadcasting, **3151**, television, **3551**
Pawloff, O., *with others*, extension of describing-function technique, **704**
Pawsey, J. L., *and E. Harting*, detection of linear polarization in galactic background radiation, **1819**
— *with C. S. Gum*, choice of galactic coordinate system, **848**
Paxton, G. W., *with J. M. Rocard*, relaxation oscillations in plasma diode, **3599**
Payant, A., temperature variation of parameters of coaxial pairs, **3618**
Paynter, D. A., *with G. L. Grisdale*, scatter link over 200-mile path, **2372**
Pazienza, G., use of low frequencies in echo location, **2227**
Peake, W. H., *with R. Caldecott*, low-noise antennas, **1420**
Pearson, J. E., *and J. A. Lane*, standardization of strong e.m. fields, **1274**
Pearson, M. D., *with others*, penetration of microwaves into rarer medium, **2168**
Pearson, R. F., *and R. Cooper*, magnetic anisotropy and rotational hysteresis in magnetite, **3872**
— *and R. W. Teale*, magnetic resonance in $Yb_3Fe_5O_{12}$, **653**
Pearson, R. T., flexible-disk magnetic recorder, **1315**
Pease, M. C., conservation laws of interacting electron beam, **1366**; quadratic invariances of generalized network, **1433**; transduction of noise, **3594**
Pedenko, N. S., *with others*, interaction of electron beam with plasma, **1792**
Pedersen, E. S., Doppler navigation in S.A.S., **2611** *a*
2611 *a*
Pedersen, J. C., *with others*, microwave analogue to scattering of light, **1803**
Pedersen, M. A., intensity anomalies introduced by constant velocity gradients, **2829**
Pedersen, N. E., *with others*, microwave analogue to scattering of light, **1803**
Pedinoff, M. E., tunnel-diode slot transmission amplifier, **3702**
Ped'ko, A. V., *with others*, magnetic properties of Gd oxides, **987**
Pedrotti, L. S., *and D. C. Reynolds*, fluorescence in CdS at low temperatures, **589**
Pedyash, É. M., *with V. K. Subashiev*, energy diagram of Si photocell, **2036**
Peet, C. S., *with others*, grown *p-n* junctions in InSb, **2293**
Peletier, L. A., *and L. van Wijngaarden*, couette flow of fully ionized gas, **2912**
Peletminskii, S. V., *with others*, h.f. magnetic susceptibility of ferrodielectrics, **3882**
Pell, E. M., Li in Si, diffusion rate of, **234**, ion drift in, **235**, diffusion and isotope effect, **236**; study of Li-O interaction in Si by ion drift, **3445**
— *and F. S. Ham*, recombination kinetics for thermally dissociated Li-B ion pairs in Si, **3446**
Peltier, Y., property of passive lossless quadripoles, **3273**
Pennington, R. H., equation of charged particle shell in perturbed dipole field, **2182**
Penny, M. F., *with D. C. Brown*, grid-controlled electron multiplier, **370**
Penrod, E. B., *and Cho Yen Ho*, theory of Peltier refrigerator and thermoelectric generator, **1278**
Penstone, S. R., *and A. W. Adey*, generating rotating polarization, **2851**
Pepinsky, R., *with others*, structure of ferroelectric $LiH_2(SeO_3)_2$, **217**
Perakis, N., *and G. Parravano*, reproducible ferromagnetism in impure NiO, **270**
Perel', V. I., *with O. V. Konstantinov*, transmission of e.m. waves through metal, **1133**; quantum theory of spatial dispersion of susceptibilities, **1479**
Peressini, E. R., *with others*, suppression of subsidiary absorption in ferrites by modulation techniques, **1949**
Perestoronin, I. G., *with U. B. Soltamov*, non-equilibrium carrier lifetime in surface layers of CdSe + Ag, **2622**
Perevodchikov, V. I., *and E. P. Kuznetsov*, GeS photoresistors in television camera tubes, **3953**
Perkins, J. F., Jr, transistor cascode circuit improves a.g.c. in amplifiers, **3299**
Perry, K., interference in ionospheric sounding, **561**
Perry, K. E., *and E. J. Aho*, radar-computer display traces alphanumeric characters, **3262**
Perry, R. L., field-emission characteristics of Si emitters, **1561**
Pershan, P. S., *with others*, microwave modulation of light in paramagnetic crystals, **1469**
Perthel, R., ferrimagnetism of Fe sulphides, **642**
Perugini, M. M., *and N. Lindgren*, microminiaturization, **787**
Peschel, M., longitudinal wave at boundary of media, **2**
Peter, M., *with S. Sugano*, effects on energy spectrum of ruby, **3085**
— *with others*, magnetic moment of transition metal atoms in dilute solution, **1244**
Peters, C. W., *with others*, generation of optical harmonics, **4075**
Petersen, H. E., *with others*, magnetic associative memory, **3258**
Peterson, A. M., *with R. D. Egan*, auroral noise at h.f., **892**
Peterson, D. G., tunnel-diode down-converters, **3277**
Peterson, L., *with others*, time variations of solar cosmic rays July 1959, **2568**
Petrov, N. A., *with F. I. Kryazhev*, normal-mode waves in three-layer medium, **1697**
Petrov, V. M., properties of ferroelectrics at 3 Gc/s, **917**
Petty, C. M., *and J. V. Breakwell*, satellite orbits, **2579**
Peyssou, J., *with H. G. Stubbs*, absorbent materials at u.h.f., **831**
Pezaris, S. D., *with others*, characteristics of Cs thermionic converters, **2335**
Pfeifer, F., modification of magnetic properties of permalloy, **3080**
Pfister, W., *J. C. Ulwick and R. P. Vancour*, results of direct probing in ionosphere, **2594**
Pfotzer, G., *with others*, solar flare radiation and modulation effects, **145**
Phelps, A. V., propagation constants for e.m. waves, **512**
— *with J. L. Pack*, drift velocities of slow electrons, **2153**
Philip, K. W., *with L. Oster*, existence of net electric charges on stars, (**D**) **1141**
Philipp, H. R., *and E. A. Taft*, optical constants of Si, **936**
Phillips, G. J., *with others*, analogue computer for radiation patterns, **2095**
Phillips, P. R., microwave separator for high-energy particle beams, **1972**
Phillips, R. L., *R. G. Delosh and D. E. White*, microwave propagation through magnetoplasma, **2339**
Piatelli, M., image response in noise-factor measurement, **4291**
Picinbono, B., modifications to directivity due to limiting of signals, **1630**; measurements of probability density of noise voltage, **2763**; detection of weak signals, **3139**
Picot, B., *with A. Cazalas*, slow transmission of television pictures, **2015**
Picquendar, J. E., *and O. Cahen*, theoretical investigation of type-O focusing, **1379**
Picus, G. S., *with others*, infrared cyclotron resonance in InSb, **3058**
Piddington, J. H., theory of polar geomagnetic storms, **1503**
Piefke, G., theory of corrugated guides, **25**; helix as delay line, **27**, **2459**, as transmission line, **2073**
Pieper, H. D., mechanical filters, **76**
Pierce, J. N., multiple diversity with nonindependent fading, **1301**
Pierrot, A., *with Y. Lescroel*, low-loss ferrites, **1943**
Pietzsch, E., frequency stabilization of klystron oscillator, **4361**
Piggott, W. R., operation of radio-altimeters over snow, **2612**
— *and L. W. Barclay*, reflection of waves from iceshelf, **2346**
— *with W. H. Bellchambers*, ionosphere over Halley Bay, **563**
Piglione, L., *with G. Biorci*, equivalent networks of generic multipoles, **79**
Pikus, G. E., *and G. L. Bir*, cyclotron and paramagnetic resonance in strained crystals, **2262**; influence of deformation on properties of *p*-type Ge and Si, **2265**
— *with V. B. Fiks*, electrokinetic effects in liquid semiconductors, **2700**
Pilkuhn, M., recombination noise of Ge single crystals, **3848**; impact ionization in Ge between 5° and 10° K, **3849**
— *with G. Lautz*, noise measurements on single-crystal Ge, **1564**; recombination noise in Ge, **2674**
Pillet, G., ionospheric absorption on fixed frequency, **1852**
Piloty, H., *with E. Ulbrich*, design of all-pass, low-pass and band-pass filters, **2877**
Pineo, V. C., *L. G. Kraft and H. W. Briscoe*, ionospheric back-scatter characteristics, **188**
Piper, W. W., *and S. J. Polich*, vapour-phase growth of single crystals of II-VI compounds, **3889**
Pisareva, V. V., method of 'smooth' perturbations in wave propagation problem, **1798**
Piskovoi, V. N., *with V. M. Bulmistrov*, accuracy of variational method in problem of absorption of light in Si, **2666**
Pitaevskii, L. P., *and V. Z. Kresin*, disturbances produced by body moving in plasma, **3714**
Pitt, K. E. G., *with R. V. Jeanes*, thermoelectrically cooled probe, **1899**
Pittelli, E., *with H. B. Callen*, anisotropic ferromagnetic resonance line width in ferrites, **652**
Pivit, E., phase shifters in rectangular waveguide, **3246**
— *and W. Stösser*, microwave circulator, **1069**
Plaistowe, D. L., scan conversion system for bright radar displays, **1529**
Planker, K. J., *and E. Kauer*, effective mass of free charge carriers in semiconductors, **2650**
Plass, G. N., electrodynamic equations of motion with radiative reaction, **3337**
Platzman, P. M., *and H. T. Ozaki*, scattering of waves from cylindrical plasma, **123**
— *and E. H. Solt*, microwave breakdown of air in nonuniform fields, **101**
Pleskov, Yu. V., anodic dissolution of Ge electrode, **620**
Pletnev, V. D., penetration of fast charged particles from outer atmosphere into ionosphere, **155**
Plimmer, R. N. A., *with G. E. Cook*, effect of atmospheric rotation on near-earth satellite, **2950**
Pliquett, F., measurement of long-term magnetic after-effects in ferrites, **3486**
Plonus, M. A., back-scattering from conducting cylinder with surrounding shell, **2165**
Ploos van Amstel, J. J. A., producing stable transistors, **3189**
Plotkin, S., *and O. Lumpkin*, regenerative fractional frequency generators, **797**
Poberovskaya, I. S., *with others*, electrical properties of semiconducting oxide glasses, **2657**
Pochop, C., *with others*, capillary alloying, **3890**
Poehler, T. O., *with others*, electron bombardment of thin films, **4240**
Poeverlein, H., *with others*, back-scatter experiments during total eclipse, **556**
Pohl, J. E., *with others*, properties of tropospheric scattered fields, **2341**
Poincelot, P., criterion of uniqueness for solutions of Maxwell's equations, **813**; theory of coaxial cable, **2837**; pulse response of delay line, **3685**
Polatnik, L. S., *and others*, ternary semiconducting compounds, **3432**
Polich, S. J., *with W. W. Piper*, vapour-phase growth of single crystals of II-VI compounds, **3889**
Polk, C., *with B. R. Mayo*, transient behaviour of aperture antennas, **2098**
Pollack, L., active satellites, **1633**
Pollak, H. O., *with D. Slepian*, prolate spheroidal wave functions, **1598**, **1599**
Pollak, P. I., *with others*, photovoltages in Si and
Pollak, M., *and T. H. Geballe*, l.f. conductivity due to hopping processes in Si, **3834**
Ge layers, **3831**
Pollak, V., automatic determination of imaginary part of network functions, **674**
Poltinnikov, S. A., *with V. K. Subashiev*, determination of mobility and density in surface layer of semiconductor, **1205**
Polyakova, A. L., ultrasonic wave propagation in relaxing media, **3216**
Pomerantz, M. A., *and S. P. Duggal*, unusual increase in cosmic-ray intensity, **4093**
— *S. P. Duggal and K. Nagashima*, solar-produced cosmic rays near poles, **1825**
— *and others*, satellite determination of primary cosmic-ray spectrum, **2951**
— *with others*, satellite instrumentation for primary cosmic radiation, **4111**
Ponsonby, J. E. B., *with others*, determination of solar parallax by radar echoes, **2567**
Pontinen, R. E., *and T. M. Sanders, Jr*, electron spin resonance spectrum in Sb-doped Ge, **619**
Poole, S., *A. Potton and C. O. Titley*, analogue telemetry equipment and systems, **1617**
Pope, J. H., obtaining electron densities using nose whistlers, **1519**, **4139**

— *with W. B. Murcray*, radiation from protons of auroral energy, **889**; energy fluxes from cyclotron radiation, **2220**
Popov, Yu. M., *with others*, semiconductor amplifiers with carriers of negative mass, **1771**
Porbansky, E. M., *with F. A. Trumbore*, solvent evaporation technique for Ge Esaki diodes, **951**
Porsche, H., *with E. Harnischmacher*, active h.f. spectrometers for ionospheric sounding, **3402**
— *with others*, active h.f. spectrometers for ionospheric sounding, **3403**
Porte, S. J., *with others*, performance tests on loudspeakers, **2072**
Porteous, P., *with others*, sub-mm e.m. radiation from plasma in Zeta, **2915**
Porter, J. H., autopilot system for missiles, **679**
Portis, A. M., *with D. P. Snowden*, electrical structure of PbS films, **1538**
Poschenrieder, W., *and H. Sontheim*, analogue device for filter development, **70**
Potekhina, N. D., *with others*, diffusion of minority carriers in magnetic field, **2661**
Potton, A., *with others*, analogue telemetry equipment and systems, **1617**
Potzl, H., *and K. Richter*, theory of space-charge limited diode, **1681**
Pounds, K. A., measurement of solar X radiation, **3759**
Pourciau, L. L., *M. Altman and C. A. Washburn*, high-resolution television system, **1653**
Pouyferrié, A., *and G. Frachet*, test-line signals of French television service, **1659**
Powers, D. A., *and I. J. T. Johansen*, electric strength of rutile, **3467**
Powlus, R. A., *with M. Glicksman*, electron-hole current pinching in InSb, **2691**
Prabhakar, A., *with C. H. Smith*, multipliers and dividers in a.c. computers, **435**
Prache, P. M., continuous loading of coaxial circuits, **1720**; dielectric lenses and reflectors made from homogeneous spherical layers, **3253**
Pradhan, T., *and P. Misra*, dielectric constant of dense electron gas, **511**
Preisig, J. O., *with others*, stereophonic system for a.m. broadcast band, **1311**
Presser, A., *with F. Sterzer*, low-noise tunnel-diode frequency converter, **3668**
Pressey, B. G., artificial satellites, ground equipment for observations of, **2777**, radio tracking of, **3784**
— *G. E. Ashwell and J. Hargreaves*, phase variation in long-distance v.l.f. propagation, **2756**
Preston, J., *with others*, fast numeral reading machine, **4266**
Price, P. J., *and Y. H. Kao*, acoustic-mode mobilities for 'split *p*-Si', **1911**
— *with R. W. Keyes*, additional spin resonance in Sb-doped Ge, **949**
Prior, A. C., reversed carrier transport effect in Ge, **616**; growth from vapour of single crystals of PbSe, **2626**; longitudinal-magnetic-field-induced oscillations in semiconductors, **3433**
— *with others*, sub-mm e.m. radiation from plasma in Zeta, **2915**
Pritchard, J. P., wide-band magnetic tape recording, **1031**
Pritchard, R. L., *and others*, transistor internal parameters, **2415**
Probst, H., television transmission of session of federal parliament, **3956**; Swiss television outside-broadcast vehicles, **4325**
Proebster, W. E., thin films as computer elements, **2861**
— *with W. Dietrich*, magnetization reversal in thin films, **639**
Prokhorov, A. M., *with A. A. Manenkov*, spin-lattice relaxation in Cr corundum, **1953**
Pronina, M. P., *with others*, photosensitivity spectrum of InSb, **1878**
Protopopov, O. D., *with others*, pulsed electron emission from W, **1357**
Provencher, J. H., diffraction reflector, **1083**
Prutton, M., magnetization reversal process in Ni-Fe films, **268**; cross-tie walls in permalloy films, **269**
Prywes, N. S., parametric excitation with saturable inductances, **2902**
Pucel, R. A., equivalent noise current of Esaki diodes **3183**
Puff, H., electron-phonon interaction, **4173**
Pugh, E. M., *with J. A. Dreesen*, Hall effect and resistivity of Ni-Pd alloys, **1253**
Pulfer, J. K., *and B. G. Whitford*, generating nsec pulses at X band, **2508**
— *with E. L. R. Webb*, low-impedance thermoelectric device, **2781**
Pulvari, C. F., ferrielectricity, **1544**; effect of impurities on properties of $BaTiO_3$, **2640**
Pungs, L., *with others*, parametric amplifiers, **475**
Purnell, N., *and T. T. Walters*, equipment for processing time-multiplex data, **2336**
Purt, G., electron emission of cold cathodes, **763**
Putley, E. H., impurity photoconductivity of *n*-type InSb, **963**
Putnam, L. H., *H. D. Collins and N. L. Oleson*, beam-plasma interaction in argon discharge, **3708**
Pyle, I. C., scattering of phonons by bound electrons in semiconductor, **3822**

Queisser, H. J., *K. Hubner and W. Shockley*, diffusion along small-angle grain boundaries in Si, **4182**
— *with W. Shockley*, balance limit of efficiency of solar cells, **2380**
Quenby, J. J., *with others*, cosmic-ray measurements in Scout I, **4112**
Quilliet, A., *and P. Gosar*, surface photovoltaic effect in Si, **2665**
Quirk, E. J. M., *with D. Kerr*, magnetic read head, **446**

Rabben, H. H., solar type-III bursts, **526**
Rabenau, A., *with others*, preparation and properties of AlP, **1572**
Rabinovici, B., *and C. A. Renton*, full binary adder with one tunnel diode, **3256**
Racette, J. H., *with R. N. Hall*, distribution coefficients of impurities in GaSb, **3056**
Radautsan, S. I., *with others*, new semiconducting compound in In-Sb-Te system, **2294**
Radelt, H., temperature dependence of absorption edge in CdS crystals, **903**
Radford, H. E., microwave Zeeman effect of free hydroxyl radicals, **2924**
Rae, W. M., engineering aspects of missile telemetry equipment, **1618**
Raemer, H. R., e.l.f. spectrum of electrical storms, **2985**; effect of underground induced polarization on e.l.f. propagation, **3133**
Raffel, J. I., *and others*, magnetic film memory design, **1087**
Rainal, A. J., sampling technique for generating Gaussian noise, **2331**
Raith, H., *with others*, electron-optical investigations of Weiss domains in Fe films, **2313**
Raith, W., *with others*, magnetic deflection of electron beams in thin Fe films, **3078**
Raja Rao, K. S. See Rao, K. S. R.
Rajchman, J. A., computer memories, **1094**
Ramachandran, S., s.s.b. generation by Weaver's method, **1302**
Ramakrishna, S. *with others*, cosmic noise at Bangalore, **3736**
Ramaley, D., resistance in link circuit of double bridge, **1004**
Ramana, K. V. V., *and B. R. Rao*, ionospheric absorption at 5·65 Mc/s, **4278**
— *with B. R. Rao*, height variation of irregularities in ionosphere, **2961**
Ramberg, E. G., properties of flat picture tube, **1041**
Ramsay, M. R., electronic distance measuring system, **3117**
Ramsey, N. F., *with others*, atomic hydrogen maser, **474**
Ranken, W., *G. M. Grover and E. W. Salmi*, Cs plasma cell, **1280**
Rao, B. R., *and J. S. Murty*, diffraction of light by v.h.f. ultrasonic waves, **2833**
— *and K. V. V. Ramana*, height variation of irregularities in ionosphere, **2961**
— *and R. R. Rao*, new ionospheric drift recorder, **2974**
— *with K. V. V. Ramana*, ionospheric absorption at 5·65 Mc/s, **4278**
— *with E. B. Rao*, travelling disturbances in F region, **2205**; diurnal variation of F_1-region drifts at Waltair, **2959**
— *with M. S. V. G. Rao*, variations of equatorial spread-F, **4119**, **4275**, and magnetic activity, **3772**
Rao, C. R. N., design of acoustic resonator panels, **1394**
Rao, C. S. R., *and J. C. Bhargava*, M.U.F. factor and solar activity, **880**
Rao, E. B., *and B. R. Rao*, travelling disturbances in F region, **2205**; diurnal variation of F_1-region drifts at Waltair, **2959**
Rao, K. S. R., seasonal variations in geomagnetic tides in equatorial region, **2190**
Rao, M. S. V. G., *and B. R. Rao*, variations of equatorial spread-F, **4119**, **4275**, and magnetic activity, **3772**
Rao, R. A., *with A. Singh*, cylindrical cavity with radial vanes, **4026**
— *with others*, resonator and output couplers for inverted magnetron, **1377**
Rao, R. R., *with B. R. Rao*, new ionospheric drift recorder, **2974**
Rappeneau, T., magnetization of Ni films, **266**
Rashba, E. I., properties of semiconductors with extremum loop, **1209**
— *with others*, thermally stimulated conductivity in semiconductors, **2648**
Rashid, A. F., *with others*, potential microwave computer element, **3651**
Rasmussen, R. A., l.f. wave filters using thermistors, **73**
Rastogi, R. G., lunar tide in F_2 layer, **1167**
Ratcliffe, J. A., Physics of the Upper Atmosphere, (B)**894**; highest parts of ionosphere, **1840**
Ratinskaya, I. A., sound propagation in inhomogeneous media, **1695**
Ratsch, J., *with E. Frank*, h.m.d. stereophonic broadcast system, **3540**
Rautenfeld, F. von. See von Rautenfeld, F.
Rawer, K., transparency of E_s layer, **868**; active h.f. spectrometers for ionospheric sounding, **2597**
— *and K. Suchy*, whistlers excited by sound waves, **2608**
— *with others*, ionospheric Faraday effect, **2760**; active h.f. spectrometers for ionospheric sounding, **3403**; simultaneous observations of 1958 $\delta 2$, **3756**
Ray, B., *with J. C. Woolley*, solid solution of Ga_2Te_3 with $A^{III}B^{VI}$ tellurides, **1234**
Ray, R. K., *and H. Y. Fan*, impurity conduction in Si, **2269**
Raybold, R. L., *with G. G. Harman*, measurement of carrier lifetime in SiC, **3450**
Rayfield, G. W., *with C. K. Birdsall*, r.f. focusing of electron stream, (D)**2426**
Raymo, G. T., *C. W. Brands and B. Schwartz*, surface potential of Si, **3447**
Rayner, G. H., *and A. Felton*, accuracy in a.c. measurements, **3098**
— *and L. H. Ford*, precision measurement of capacitance, **3104**
Razmadze, A. K., *with others*, thermally induced conductivity in CdS, **1192**
Read, P. L., ultralinear cathode follower, **470**
Rebane, K. K., recombination luminescence and conductivity, **1880**

Rebsch, D. L., semiconductor microwave switch, **1727**
Reder, F. H., *M. R. Winkler and C. Bickart*, long-range clock synchronization experiment, **3093**
Redwood, M., transient performance of piezoelectric transducer, **2830**
Reece, W. V. P., *with H. J. Fraser*, electronic Nyquist plotter, **4258**
Rees, M. H., *with W. H. Campbell*, study of auroral coruscations, **1520**
Reese, U., *with H. Anders*, differentiating equalizer, **4036**
Reese, W. E., *with others*, properties of II-V semiconductors, **2259**
Rehm, G., automatic electronic converters using Hall generators, **1607**
Reich, A. D., *and J. R. Madigan*, transient response of thermocouple circuit, **1785**
Reid, F. J., *with others*, grown *p-n* junctions of InSb, **2293**
Reik, H. G., *H. Risken and G. Finger*, hot-electron effects in many-valley semiconductors, **599**
Reimann, H., thermal behaviour of transistors, **4348**
Reimer, L., domain boundaries in thin films, **4226**
Reinecke, H., Jr, current-operated diode logic gates, **2104**
Reiss, H., *and A. I. Anderman*, scattering of electrons by phonons and impurities in semiconductors, **3431**
Reitz, J. R., Peltier coefficient at high current levels, **4203**
Reker, H., television sync separator, **716**
Remeika, J. P., *with S. Geschwind*, paramagnetic resonance of Gd^{3+} in Al_2O_3, **3496**
— *with others*, test of spin-wave theory of ferromagnet, **4204**
Renau, J., study of observed spread-F, **553**; scattering of e.m. waves from ionized gas, **1021**; overhead nonblanketing E_s, **3770**
Renton, C. A., *with B. Rabinovici*, full binary adder with one tunnel diode, **3256**
Rettig, A., *J. Balodis and H. Vorrath*, wireless studio control equipment, **1632**
Reuber, C., u.h.f. television techniques, **3557**
Reusse, W., generation of X rays in valves, **759**
Reverdin, D., parasitic modulation phenomena in long-beam tubes, **379**
— *with R. Olivier*, O-type carcinotron tubes for measurements, **3597**
Rey, T. J., automatic phase control, **81**
Reynolds, D. C., *with L. S. Pedrotti*, fluorescence in CdS at low temperatures, **589**
Reynolds, D. K., *and J. M. Bartlemay*, long-wire antenna for meteor-burst communications, **2472**
Reynolds, G. S., *and S. S. Stevens*, binaural summation of loudness, **1062**
Reyssat, M., *with A. Flambard*, e.m. waves and satellites, **865**
— *with others*, transatlantic communication via Echo I, **1306**
Rez, I. S., *with V. M. Gurevich*, transitional conduction processes in $BaTiO_3$, **2639**
— *with others*, transitional conduction processes in ferroelectric materials, **2638**
Rhodes, R. N., *with others*, stereophonic system for a.m. broadcast band, **1311**
Rhodes, W. H., *and others*, 0·7-μs ferrite-core memory, **4019**
Rhys-Roberts, C., *and R. H. Tredgold*, theory of space-charge-limited currents, **490**
Ribchester, E., *with P. S. Carnt*, oscillation synthesis for s.s.b. receivers, **2132**
Riblet, H. G., theorem on optimum stepped impedance transformer, **20**
Ricard, J., *with M. V. Brown*, fluctuations in surface-reflected pulsed c.w. arrivals, **1385**
Rice, P. L., *with others*, determination of ray bending in exponential atmosphere, **2342**
Rich, S. R., electrodynamic loudspeaker has totally active surface, **3235**
Richards, D. J. E., *with R. Brewer*, life characteristics of typical semiconductor devices, **3560**
Richards, E. G., *with others*, factors influencing 3-cm radio-wave propagation over sea, **3128**
Richards, H. K., telemetering radiation data, **1015**
Richards, I. R., *with J. Mawdsley*, ionospheric scattering of satellite transmissions, **1836**
Richards, M. S., *with others*, automatic particle counter and sizer, **1967**
Richards, P. H., *with others*, broad-band telecommunication systems, **4294**
Richardson, E. G., transmission of sound through wake, **5**
Richter, E., force-free magnetic fields, **1489**
Richter, K., *with H. Potzl*, theory of space-charge-limited diode, **1681**
Rickenbach, H., *with W. Druey*, application of parametric amplifiers to radio telescopes, **1776**
Rider, G. C., *with E. Eastwood*, radar observation of sea-breeze front, **1870**
Ridley, B. K., *and T. B. Watkins*, possibility of negative-resistance effects in semiconductors, **4177**
Rieck, H., *with W. Dahlke*, noise temperature of cascade-connected amplifiers, **3306**
Rieder, G., initial susceptibility of magnetically soft material, **1259**
Riegler, H., vibrating capacitor, **3510**
Riehl, N., *R. Sizmann and O. J. Stadler*, effect of α radiation on ZnS phosphors, **3425**
Rieker, J., sunrise in ionosphere and long-wave propagation, **884**
Riessler, W., crystal dislocations and growth of etch pits, **2685**
Rigg, B., *with F. A. Benson*, stability of reference tubes using monocrystalline cathodes, **4371**
Righini, G., solar radio astronomy in Italy, **3363**
Rigney, D. S., *with others*, capacitor charging efficiency for space systems, **2784**
Rihaczek, A. W., high selectivity with constant phase over pass band, **78**

Rihaczek, K., *and H. Wörner*, signal distortion in high-frequency cables, **3996**
Riihimaa, J. J., voltage-tuned swept-frequency receiver, **2361**
Rimskii-Korsakov, A. V., statistical properties of broadcast signal, **3230**
Rinehart, E. A., *and C. C. Lin*, measuring widths of microwave spectral lines, **3514**
Riney, T. D., residual stresses in bonded Si wafers, **2271**
Ringnes, T. S., variations of short-lived sunspots, **4099**
Rishbeth, H., diffusion of ionization in sunrise F layer, **2204**
— *and C. S. G. K. Setty*, F layer at sunrise, **2203**
— *with B. H. Briggs*, analogue for ionospheric F region, **4135**
Risken, H., *and H. J. G. Meyer*, lattice scattering in free-carrier infrared absorption in semiconductors, **3825**
— *with others*, hot-electron effects in many-valley semiconductors, **599**
Riste, T., *and L. Tenzer*, temperature variation of spontaneous sublattice magnetization of ferrites, **3484**
Ritterman, S., semiconductor diode circuit provides gain, **3315**
Rittner, E. S., *with R. Levi*, suppression of emission from Ba-activated W dispenser cathodes and adjoining electrodes, **3977**
Rivers, W. K., Jr, *with M. W. Long*, sub-mm wave radiometry, **3143**
Roach, F. E., 5577-Å emission in upper atmosphere, **4140**
— *with G. A. M. King*, relationship between auroral arcs and ionospheric recombination, **2218**
— *with others*, correlation of auroral arc and outer-zone radiation, **157**
Roberts, D. H., design of magnetoresistance elements, **4264**
Roberts, F. E., impurity concentrations in regrown region of In-Ge junctions, **3036**
Roberts, J. A., *with others*, high-efficiency solar-conversion GaAs junction, **2381**
Roberts, J. H., *with R. G. Medhurst*, f.m. distortion products with white-noise modulation, **486**
Roberts, L. A., *with others*, measurement of relative phase shift at microwave frequencies, **298**
Roberts, L. D., *with others*, Ge surface-barrier counters, **315**
Roberts, R. W., K_a-band ferrite amplifier, **2523**
— *J. H. Burgess and H. D. Tenney*, cross-relaxation and concentration effects in ruby, **2727**
Roberts, V., *with others*, sub-mm e.m. radiation from plasma in Zeta, **2915**
Robertson, K. A., *with B. McInnes*, variation of aurora over British Isles, **566**
Robin, L., magnetic doublet in presence of two media separated by plane, **3340**
Robinson, B. J., disturbances in E region, **867**
— *with B. Bölger*, paramagnetic relaxation rates determined by pulsed double resonance, **2726**
— *with J. T. de Jager*, sensitivity of degenerate parametric amplifier, **3304**
Robinson, D. W., *and L. S. Whittle*, loudness of directional sound, **1713**
Robinson, G. A., operation of vidicons in unusual environments, **4320**
Robinson, N. O., *with others*, parametric diodes in maser phase-locked frequency divider, **89**
Robinson, R. J., *and J. J. Brophy*, fluctuations, neutral transport and photoconduction in CdS, **1189**
Robson, P. N., cyclotron-wave amplifier with magnetic pumping, **2048**
— *with A. Jurkus*, gain saturation in travelling-wave parametric amplifier, **4059**
Rocard, J. M., *and G. W. Paxton*, relaxation oscillations in plasma diode, **3599**
Rodot, H., *with M. Rodot*, band structures and scattering mechanisms in HgTe and HgSe, **954**
Rodot, M., transport effects in InSb, **962**
— *and H. Rodot*, band structures and scattering mechanisms in HgTe and HgSe, **954**
Roederer, J. G., *and others*, cosmic-ray intensity during magnetic storms July 1959, **2184**; cosmic-ray phenomena during solar disturbances, **3370**
— *with others*, cosmic-ray intensity during magnetic storm May 1959, **2185**
Rogenhagen, H., *and K. H. Simon*, amplitude distribution of scintillation noise, **2821**
Roger, R. S., *with others*, determination of solar parallax by radar echoes, **2567**; simultaneous observations of 1958 *8*2, **3756**
Rogers, A. L., *and R. B. Watson*, pulse determination of sound absorption coefficients, **1395**
Rohatgi, V. K., current at cathode of hollow-cathode discharge, **3326**
Rohde, H. J., mechanical band filters, **4034**
Rohde, U. L., parametric amplification with transistors, **4060**
— *and H. J. Thaler*, tunnel diodes in pulse techniques, **3570**
Röhrbeck, W., *with G. Kattner*, calibration of two-channel c.r. direction finders, **2988**
Röhrich, K., 3-D radar, **3419**
Roizen, S., *with others*, dielectric properties of ZnS thin films, **3007**
Rolfe, J. J., *with R. J. Kearns*, static inverters power space-vehicle equipment, **2785**
Rollin, B. V., detection of mm-wave radiation by free-carrier absorption in semiconductor, **3023**
— *and J. M. Rowell*, hot carriers in Ge, **1219**
Romanov, Ya. A., *and G. F. Filippov*, interaction of fast electron beams with longitudinal plasma waves, **3712**
Rompe, R., *with K. W. Boer*, space-charge oscillations in semiconductors, **249**
Ronchi, L., *with others*, volume density of meteor-trail echoes, **1016**, **3378**, **3379**; synthesis of radiation patterns at finite distances, **3251**; gain limit and tolerances of big reflector antennas, **4013**
Ronde, F. C. de. See de Ronde, F. C.
Rongen, J., *with others*, parasitic oscillations in a.m. receivers, **1629**
Röppischer, H., *with others*, field enhancement of ZnS.CdS-Mn phosphors, **3004**
Rose, A., photovoltaic effect derived from Carnot cycle, **96**
— *with M. A. Lampert*, volume-controlled two-carrier currents in solids, **1893**
Rose, D. C., *and S. M. Lapointe*, asymmetry in recovery for Forbush-type decrease, **2179**
Rosen, A., *and T. A. Farley*, characteristics of Van Allen zones measured by Explorer VI, **3745**
— *with T. A. Farley*, variations in outer Van Allen zone during geomagnetic storm, **534**
Rosen, L., *with others*, charged particles in inner Van Allen belt, **1828**
Rosenberg, A. J., *and A. J. Strauss*, solid solutions of In_2Te_3 in Sb_2Te_3 and Bi_2Te_3, **3463**
— *with A. J. Strauss*, preparation and properties of $CdSnAs_2$, **2287**
Rosenblatt, M., narrow band-pass filters, **2496**
Rosenlund, T., Swedish television network, **2399**
Rosi, F. D., *E. F. Hockings and N. E. Lindenblad*, semiconductors for thermoelectric power generation, **2747**
Rösler, U., *and G. Elbinger*, growth orientation in ferrite single crystals, **2725**
— *with G. Elbinger*, growth orientation of ferrite single crystals, **3492**
Rosman, G. E., echo signals on microwave paths, **2370**
Ross, D. B., *with J. S. Belrose*, unusual l.f. propagation on 12th November 1960, **4276**
Röss, E., *with M. Kornetzki*, ideal magnetization curve of ferrites, **3485**
— *with others*, Mn-Zn ferrites, with isoperm loop **1944**, with different hysteresis loops, **3488**
Ross, J. M., *and J. E. Kirch*, phase perturbations of l.f. ground wave, **4282**
Ross, W. J., ionospheric electron content from satellite Doppler measurements, **183**, **184**
Rossbach, A., *with H. P. Barthelt*, continuous recordings for vertical gradient of atmospheric refractive index, **2979**
Rossi, B., *with others*, instrument for investigation of interplanetary plasma, **521**
Rossing, T. D., *and R. Stolen*, measuring anisotropy of thin magnetic films, **3902**
Rossol, F. C., subsidiary resonance in Y-Fe garnet, **1262**
Röszler, C., measurement of oxide-cathode evaporation with radioactive isotopes, **3976**
Rotenberg, B. A., effect of pressure on piezoelectric properties of $BaTiO_3$, **2252**
Rothberg, M., *with I. R. Weingarten*, r.f. carrier and capacitive coupling procedures for measurements on Si, **3449**
Rothenstein, B., relaxation of ferromagnetic domain walls, **259**
Rother, H., diffusion-controlled field instabilities in semiconductors, **227**
Rotman, W., *and A. Maestri*, electromechanically scanned trough-waveguide array, **2087**
Rottgardt, K. H. J., improving reliability of components, **2864** *a*
Rouèerie, P., lunar variation of *h*'E above Fribourg, **3769**
Rousso, E., *with others*, microwave isolator combines Hall effect and tunnel diodes, **3247**
Roux, M., *with S. Takeda*, measuring high electron densities in plasmas, **2155**
Rowe, J. E., *and J. G. Mecker*, interaction of pre-modulated electron streams with propagating circuits, **1685**
— *G. T. Konrad and H. W. Krage*, S-band crestatrons, **2428**
Rowell, J. M., *with B. V. Rollin*, hot carriers in Ge, **1219**
Rowlands, R. O., band-stop filters, **77**
Rowson, P., *with others*, limits to diameters of radio sources, **524**
Ruberti, A., *with A. Letschy*, stability of negative-feedback systems, **4028**
Rubin, M. D., receivers with zero i.f., **3928**
Rubin, W. L., *with J. V. DiFranco*, 'paired echo theory' for distortion in pulsed systems, **4158**
Rubini, R., graphical procedures for approximation of filters, **3663**
Rubinow, S. I., *and J. B. Keller*, shift of shadow boundary and scattering of opaque object, **2921**
Ruby, S. L., *and G. Shirane*, magnetic anomaly in $FeTiO_3$-αFe_2O_3 system by Mössbauer effect, **4234**
Ruchkin, D. S., reconstruction error and delay for amplitude-sampled white noise, **4295**
Rudakov, L. I., *and R. Z. Sagdeev*, oscillations of inhomogeneous plasma in magnetic field, **110**
Rudakov, V. A., *with K. I. Gringauz*, determination of electron density in ionosphere, **560**
Rudat, H., *with F. R. Huber*, Goubau line for transmitter, **22**
Rudd, J. P., network theorem, **3269**; wide-band impedance transformers, **3272**
Ruderfer, M., ether drift experiment using Mössbauer radiation, **487**; Ne-diode/resistor matrix controls electronic typewriter, **3519**
Rudnick, P., detection of small signals in stationary noise, **2000**
Ruf, J., emission equation of oxide cathode, **3193**
Rufer, R. P., avalanche switching circuits, **2810**
Rukhadze, A. A., *with B. M. Bolotovskiĭ*, field of charged particle in moving medium, **120**
— *with L. M. Kovrizhnykh*, instability of longitudinal oscillations of plasma, **1791**
Rule, E., *with others*, pressure response of condenser microphone, **1718**
Rumi, G. C., D_1, D_2 layers and absorption, **883**
Runyan, W. R., *with C. C. Allen*, a.c. Si-resistivity meter, **4252**
Ruppel, W., *with M. Cardona*, oscillations in Ge with applied pulsed electric field, **611**
Rupprecht, G., *R. O. Bell and B. D. Silverman*, nonlinearity and microwave losses in $SrTiO_3$, **3808**
Rupprecht, H., anisotropy of resistance change in InSb, **4196**
— *R. Weber and H. Weiss*, galvanomagnetic properties of Te-doped InSb, **1241**
Rupprecht, J., photoelectric properties of Ti- and Nb-oxide layers, **583**
Rusch, E., *with A. Deixler*, lifetime data of thermionic valves, **374**
Rush, J. W., grounded-grid amplifiers with controlled gain, **1445**
Rushbrooke, G. S., *with others*, critical concentrations in Ising and Heisenberg models, **498**
Ruske, W., thin Ni films in Ni-Cu multilayer systems, **2310**
Russek, A., *with R. E. Kelly*, diffraction of e.m. wave by anisotropic cylinders, **833**
Russell, A., digital clock, **2337**
Russell, L. A., *with others*, 0·7-*μ*s ferrite-core memory, **4019**
Rustgi, O. P., *J. S. Nodvik and G. L. Weissler*, optical constants of Ge, **3452**
Ruthroff, C. L., mechanism for direct adjacent channel interference, **3142**; project Echo f.m. demodulators, **3922**
— *and W. C. Jakes, Jr*, project Echo system calculations, **3935**
Ryan, R. D., controlled flight path system, **3785**
Ryan, W. D., frequency division by carrier storage, **1107**
Rybchinskiĭ, R. E., *with others*, interplanetary investigation of second Soviet space rocket, **151**
Ryder-Smith, S. C., voltage breakdown of transistors, **4350**
Rye, R. T., aerial field-pattern measurements using aircraft, **2469**
Ryle, M., *with others*, radio star observations using aperture synthesis, **2557**
Rytov, S. M., *with K. I. Gringauz*, measurements of charged particles by cosmic rocket, **1149**
Ryvkin, S. M., *and others*, diffusion of minority carriers in magnetic field, **2661**
— *with others*, kinetics of infrared impurity photoconductivity in CdS, **1194**; effect of trapping levels on photoconductivity and carrier lifetime, **3015**; negative photoconductivity in magnetic field, **3042**

Saal, R., filter design using catalogue, **4031**
Sabin, G. A., *with R. J. Bobber*, cylindrical wave reciprocity parameter, **2832**
Sabisky, E. S., *and H. J. Gerritsen*, travelling-wave maser using Cr-doped rutile, **4054**
Saburi, O., $BaTiO_3$ semiconductors, **3051**
Saburi, Y., *and M. Kobayashi*, NH_3-beam maser as frequency standard at JJY, **1958**
— *with others*, effect of solar activity on earth's rotation, **159**
Sacasa, R. Gea. See Gea Sacasa, R.
Sachs, H. M., *with others*, voltage-variable capacitors in modulator design, **1453**
Sachs, M., paramagnetic resonance spectra of non-cubic crystals, **993**
Saermark, K., system of strips, acoustic forces and torques in, **384**, transmission coefficient for, **510**
Safant'evskiĭ, A. P., *with others*, u.h.f. properties of Y and Lu ferrite, **2317**
Sagdeev, R. Z., *with L. I. Rudakov*, oscillations of inhomogeneous plasma in magnetic field, **110**
Sah, C. T., transition-layer characteristics of *p-n* junctions, **2022**
Saha, A. R., transistor *β*-phase-shift oscillator, **462**
Saha, N. K., *with S. C. Pancholi*, diode-bridge coincidence circuit, **4046**
Saier, R., cm-*λ* noise generators, **670**
Saiki, K., *with T. Kushida*, shift of nuclear quadrupole resonance frequency by electric field, **3729**
Saito, S., power carried by synchronous and cyclotron waves on electron beam, **3202**
Sakalay, F. E., *with others*, 0·7-*μ*s ferrite-core memory, **4019**
Sakata, K., thermoelectric behaviour of rutile, **3860**
Sakudo, T., solid-solution single crystals containing $BaTiO_3$, **1541**
Sakurai, K., low-energy cosmic-ray particles, propagation of, **146**, motion of, **2565**; relativistic electrons in solar atmosphere, **2561**
— *and H. Maeda*, relation between solar radio emission and low-energy cosmic rays, **3366**
Sakurazawa, A., E_s-layer propagated waves, **3921**
— *with others*, long-distance ionospheric propagation on v.h.f., **320**
Salaman, R., *with others*, Atlas of Oblique-Incidence Ionograms, (B)**1861**
Salinger, G. L., *and J. C. Wheatley*, susceptibility of materials in cryogenic apparatus, **4242**
Sal'kov, E. A., *and G. A. Fedorus*, lux/ampere characteristics of CdS, **2997**
Salmi, E. W., *with others*, Cs plasma cell, **1280**
Salomonovich, A. E., *with others*, observations of radio sources on 3·2 cm, **2558**
Salpeter, E. E., electron density fluctuations in plasma, **1459**, in magnetic field, **3719**; effect of magnetic field in ionospheric back-scatter, **2213**
Salzmann, G., semiconductor mixer diodes at 3 Gc/s, **1334**; coupling of multipoles, **2500**
Salzmann, J., ring modulation with integrated filters, **3704**
Samelson, H., vapour-phase growth and properties of ZnS, **1882**
Samlenski, M., colour-television transparency scanner, **2391**
Sampson, D. F., *with others*, spin-lattice relaxation times, in ruby, **992**, in sapphire and rutile, **1594**
Samueli, J., *with others*, fast amplitude discriminator, **2886**

Sandberg, I. W., synthesis of *n*-port active *RC* networks, **1438,** transformerless, **2883**
— *with L. E. Franks,* *n*-path filter, **72**
Sandels, E. G., water-level surge recorder, **1008**
Sanders, A. E., *with others,* radar-lunar investigations, **190;** Faraday-rotation effect on incoherent back-scatter observations, **3138**
Sanders, R. M., stable oscillation of magnetic-film parametron, **2106**
Sanders, T. M., Jr, *with R. E. Pontinen,* electron spin resonance spectrum in Sb-doped Ge, **619**
Sandford, B. P., aurora and airglow from colour-film observations, **2982**
Sandor, A., effective spot size, **1323;** dynamic spot formation in colour tubes, **1325;** emission from miniature hollow cathodes, **1359;** pressed-oxide Ni-matrix cathode, **1360;** emission decay below narrow grid apertures, **1693;** improvement in oxide-cathode stability by controlled electrolysis, **4353**
Sano, Y., *with others,* magnetic storm and ionospheric disturbances 13th September 1957, **3773**
Santen, J. G. van. See van Santen, J. G.
Santochi, O. R., *with others,* cosmic-ray intensity during magnetic storms, July 1959, **2184,** May 1959, **2185;** cosmic-ray phenomena during solar disturbances, **3370**
Sapogin, L. G., *and V. M. Ivko,* equipment for measuring and recording resistance of semiconductors, **3102**
Saran, G. S., *and G. Held,* field strength measurements in fresh water, **36**
Sarazin, A., *J. Samueli and G. Bougnot,* fast amplitude discriminator, **2886**
Sarbei, O. G., *with others,* photoelectron emission, from Ge and Si, **1908,** from Ge, **1921**
Sard, E. W., *with J. C. Greene,* tunnel-diode mixer, **1338**
Sargent, L. M., wide-range oscillator technique, **4039**
Sari, C., *with G. Montalenti,* influence of subgrain structures on magnetic properties of pure iron, **3870**
Sarker, G., transistor-magnetic d.c. amplifier, **472**
Sarles, L. R., *with I. Wieder,* optical emission from Cr^{+++} in Al_2O_3, **1810**
Sasaki, T., *with others,* F-layer and sporadic-E scatter at v.l.f. in Far East, **1979**
Sassier, M., *p-n-p-n* structures and Si thyratron, **3971**
Satake, K., *with I. Uchida,* impedance changes induced by light in ZnS, **3002**
Sato, H., *with M. Hattori,* field dependence of mobility in semiconductors, **595**
Sato, R., *with others,* antenna constructed by parallel wires, **3632**
Sauer, H. A., *S. S. Flaschen and D. C. Hoesterey,* piezoresistance and piezocapacitance effects in $(BaSr)TiO_3$ ceramics, **2644**
Saunders, J. H., *with others,* Y-junction strip-line circulator, **404**
Saunders, P. A. H., *with H. W. Jones,* swept Langmuir probe system, **1456**
Sauzade, M., transistorized current stabilizers for electromagnets, **3947**
— *with J. Hervé,* variation of magnetic moment in Y garnet, **277**
Savage, A., *and R. C. Miller,* velocity of sidewise domain-wall motion in $BaTiO_3$, **218**
— *with R. C. Miller,* motion of 180° domain walls in $BaTiO_3$, **2643**
Savarin, A., *with others,* L-band travelling-wave parametric amplifier, **3308**
Savchenko, M. K., *with others,* magnetization processes in ferromagnetics, **1580**
Sawabe, H., *with K. Nishigucht,* ultrasonic studies of core magnetization processes, **3885**
Sawada, K., *with others,* longitudinal and latitudina effect in ionosphere, **2200**
Sawaji, K., *with others,* long-distance ionospheric propagation on v.h.f., **320**
Sayers, J., *with P. H. G. Dickinson,* ion charge exchange reactions, **113**
Saxton, J. A., propagation of radio waves in troposphere, **1018**
Scanlan, M. J. B., measurements on radar aerials using stellar noise, **898;** waveguide switch, **3630**
Scarr, R. W. A., *and R. A. Setterington,* thermistors, **55**
Schadwinkel, G., new television outside-broadcast vehicle, **354**
Schaeffer, D. H., logarithmic compression of binary numbers, **3263**
Schafer, G. E., *and R. W. Beatty,* error analysis of standard microwave phase shifter, **777**
Schafer, J. P., *and R. H. Brandt,* 960-Mc/s 10-kW transmitter, **3957**
Schaffernicht, W., *with J. E. Otto,* radar picture transmission: storage tubes, **1864** *b*
Schaffner, G., *and F. Voorhaar,* nondegenerate S-band parametric amplifier, **2137**
Scharf, K., photovoltaic effect in Si solar cells, **337**
Scharfman, W. E., *and T. Morita,* voltage breakdown of antennas at high altitude, **418**
Scharmann, A., luminescence decay of inorganic phosphors, **212**
— *with R. Grasser,* luminescence damage of phosphors by ions, **3424**
Schatz, E. R., *with J. D. Meindl,* shielded transmission lines, **2075**
Schauer, A., *with J. Kranz,* magnetic domains of polycrystalline Co and Ni, **2715;** magnification of magneto-optical Kerr rotation, **4209**
Schawlow, A. L., *and G. E. Devlin,* optical maser action in ruby satellite lines, **1811**
— *with D. A. Kleinman,* Corbino disk, **1137**
— *with others,* light emission from ruby, **657;** nuclear quadrupole resonance in antiferromagnet, **3070**
Scheer, J. J., influence of band bending on photoelectric emission, **2235**
Scheggi, A. M., *and G. Toraldo di Francia,* microwave lens for rapid scanning, **2858**
— *with others,* synthesis of radiation patterns at finite distances, **3251;** gain limit and tolerances of big reflector antennas, **4013**
Scheibe, E. H., measurements on resonators formed from circular plane and confocal paraboloidal mirrors, **2919**
Scheibe, P., *with G. Lerfald,* travel-time anomalies of h.f. radio waves, **1293**
Scheiber, D. J., ultra-low-frequency bridge for dielectric measurements, **2740**
Schelisch, E. F., ferrite resonance isolators, **778**
Schell, H. A., *and H. F. Mataré,* properties of semiconductor grain boundaries, **2275**
Schellenberg, A., i.f. section of f.m. radio-link installation, **2007**
Schenner, F., *with J. Kornfeld,* v.h.f. and television reception over great distances, **687**
Scherb, F., *with others,* instrument for investigation of interplanetary plasma, **521**
Scherer, P. M., *with W. J. Stry,* de Haas-van Alphen effect in graphite, **1212**
Schiaffino, P. *with F. Cervellati,* single-ended push-pull amplifier, **2890**
Schief, A., signal prediction by *RC* network, **3930**
Schienemann, P., 7-Gc/s radio link, **330**
Schindler, H., photoconductivity of inorganic compounds, **209**
Schindler, M. J., magnetic field and flux distributions in periodic focusing stack, **1372**
Schlesinger, K., focus reflex modulation of electron guns, **1052**
Schlich, R., *with others,* magnetic and telluric effects of Argus experiment, **2571**
Schlichte, M., *with H. M. Christiansen,* 60-channel p.ph.m. equipment, **2774**
Schlitt, H., wide-band noise in linear transmission systems, **1747**
Schlömann, E., theory of ferrite resonance isolator, **32;** generation of phonons in ferromagnetic resonance, **115;** ferromagnetic relaxation by magnon interaction, **2550**
— *and R. I. Joseph,* instability of spin masers and magnetostatic modes in, **3351**
— *with R. I. Joseph,* magnetostatic modes in magnetized cylinders, **3350**
Schlosser, H., *and M. E. Drougard,* surface layers on $BaTiO_3$ crystals above Curie point, **3810**
Schlotterbeck, W., FM120/2200: radio equipment, **3150**
— *and E. Willwacher,* FM120/2200: design of aerial duplexers, **3150**
Schmelovskv, K. H., derivation of electron density distribution, **194**
— *with others,* seasonal variations of mean electron density, **1512**
Schmid, A. P., Jr, negative-resistance diode for high power, **4335**
Schmidt, C., piezoelectricity and electrostriction of Rochelle salt, **3815**
Schmidt, J. D., *with B. K. Eriksen,* random-pulse generator tests circuits, encodes messages, **3283**
Schmidt, P. F., *F. Huber and R. F. Schwarz,* ion size effect in electrolytic rectification, **842**
Schmidt, V. A., *and others,* optical calibration of vibration pickups, **3603**
Schmidt, W., *with D. Kossel,* internal photoeffect in thin photoconductive films, **3421**
Schneider, R., determination of distance of atmospherics, **2222, 2606**
Schmitt, E., parametron in data processing systems, **443**
Schmitt, H. J., *and T. T. Wu,* e.m. reflection from sound waves, **1387**
Schmitt, J. J., transients in cylindrical antenna, **417**
Schmitter, K. H., *with others,* CERN 600-MeV synchrocyclotron, **3517**
Schneider, B., *and M. J. O. Strutt,* noise in transistors at high current densities, **360, 363**
Schneider, D. B., designing for low-level inputs, **3292**
Schneider, F., measurement of saturation magnetization of ferrites, **2723**
Schneider, H., transistors in measurement techniques, **3187**
Schneider, H. D., compensation of retrace noise in vidicon camera equipment, **2788**
Schneider, J., negative electrical conductivities, **108**
Schneider, M. V., reflection and transmission of conductive films, **2923**
Schnetzler, K., polarization in twisted waveguide, **1405;** reflection of fundamental mode at waveguide discontinuities, **1726;** excitation of higher modes at waveguide junctions, **2843, 2846**
Schnürer, E., space-charge-limited currents in CdS crystals, **584**
Schock, A., thermionic generators, effect of magnetic fields on, **1009,** emission-limited, **4265**
Scholes, N. P., *and J. E. Macfarlane,* measurement of impedance at a.f., **1605**
Scholten, J. W., tolerances in image-parameter filters, **2492**
Scholz, S., influence of Peltier effect on resistance welds, **659**
Scholze, J., *with P. Schubert,* construction of large anechoic chamber, **2453**
Schön, M., *with P. Kramer,* effects of infrared radiation on excited ZnS phosphors, **2630**
Schönfelder, H., colour-television N.T.S.C. system, vestigial-sideband equalization for, **342,** distortion in, **2387**
Schork, E. L., *with others,* temperature effects on GaAs switching transistors, **4351**
Schreiber, F., mirror symbols for transfluxors, **4025**
Schreiber, H., *n*-step line transformers, **3621**
Schreiber, L., uniform noise, **3223**
Schröder, H., resistance changes of ferrites, **1585**
Schröder, W., sharpness of picture tubes, **3164**
Schroeder, A. C., *with W. G. Gibson,* vertical-aperture equalizer for television, **347**
Schroeder, M. R., *with F. K. Harvey,* factors affecting two-channel stereophony, **2449**
Schröter, F., radar picture transmission: principles, **1864** *a,* storage and frequency-band compression in television, **2014**
Schubert, J., application of theory of noisy quadripoles to transistors, **732**
Schubert, P., *and J. Scholze,* construction of large anechoic chamber, **2453**
Schucht, P., *with others,* s.w. receiving equipment, **4289**
Schuck, R. P., *with others,* voltage-variable capacitors in modulator design, **1453**
Schuegraf, E., polarizer with symmetric excitation, **1416**
Schuegraf, K., *and K. Seiler,* surface states on high-purity Ge, **946**
Schuller, M., *and W. W. Gärtner,* large-signal circuit theory for negative-resistance diodes, **3962**
— *with W. W. Gärtner,* three-layer negative-resistance and inductive semiconductor diodes, **2407**
Schulten, G., properties of dielectric transmission lines, **1725**
Schultz, B. H., volume recombination of excess carriers in semiconductors, **3824;** recombination at Cu and Ni centres in *p*-type Ge, **3843**
Schultz, J. B., *and H. B. Yin,* negative-resistance amplifiers, **725**
Schultz, J. W., *with others,* effects in dislocated Te, **1211**
Schultz, K., underwater television equipment, **1045**
Schulz, D. P., pulse shaping with variable-capacitance diodes, **463**
Schulz, F., *with A. Deubner,* conductivity change of Cu_2O films, **251**
Schumacher, W. R., *with B. F. Cron,* underwater sound reverberation, **3987**
Schumann, W. O., backward wave in plasma cylinder, **1121;** wave propagation in plasma cable, **2157;** influence of magnetized plasma in metal waveguide, **2541**
Schüppel, W., *with Z. Málek,* measurement of uniaxial magnetic anisotropy of thin films, **2708**
— *with others,* magnetic anisotropy of thin films, **267**
Schüssler, W., analogue representation of coupling-free branched circuits, **2111**
— *with O. Herrmann,* filters with favourable transient characteristics, **1751**
Schuster, G., operational data of transmitter valves, **3196**
Schutte, R., *with F. L. H. M. Stumpers,* stereophonic broadcast transmission, **333**
Schütz, E., investigation of plane-parallel fields, **667**
Schwabe, G., current gain of drift transistors, **2419**
Schwachheim, G., solar daily variation of cosmic radiation, **528**
— *with others,* cosmic-ray phenomena during solar disturbances, **3370**
Schwantes, R. C., *and A. Van der Ziel,* flicker noise, secondary-emission, **2822** in triodes with positive grid, **2823,** in pentodes, **2824**
Schwartz, B., *with others,* surface potential of Si, **3447**
Schwartz, C. M., *with others,* effect of high pressure on electrical properties of metal oxides, **1901**
Schwartz, E., law of small variations in characteristics, **2488;** characteristic equation of third degree, **3892**
Schwartz, R. N., *and C. H. Townes,* interplanetary communication by optical maser, **2377**
Schwarz, E., San Salvatore remotely controlled television station, **2017**
Schwarz, R. F., *with others,* ion size effect in electrolytic rectification, **842;** hot electrons in metal films, **3086**
Schwed, P., *and others,* satellite instrumentation for primary cosmic radiation, **4111**
— *with others,* satellite determination of primary cosmic-ray spectrum, **2951**
Schweisthal, A., *with A. Kolarz,* operation of 10-kW television transmitter for band IV, **2791**
Schwentek, H., determination of ionospheric absorption, **1853**
— *and G. Umlauft,* absorption coefficients of ionosphere, **4117**
Schwink, C., electron-optical method for measurement of magnetization, **3875**
— *and G. Zankl,* remanence of stretched polycrystalline Ni wires, **636**
— *with H. Murrmann,* homogeneous magnetic fields for optical investigations of ferromagnetics, **1256**
— *with G. Obermair,* magnetization and field of rods, **2542**
Scott, P. F., *M. Ryle and A. Hewish,* radio star observations using aperture synthesis, **2557**
Scott, W. A., determination of position by observation of satellite, **2584**
Scovil, H. E. D., *with others,* project Echo dual-channel travelling-wave maser, **3695**
Scrase, F. J., electric currents associated with geomagnetic disturbances in auroral zone, **4103**
Scrimger, J. A., fluctuations induced by surface waves in ducted sound propagation, **1701**
Sears, R., *with M. Camras,* outside-coil magnetic head improves high-frequency recording, **3543**
Seaty, T. L., semiconductor noise as queuing problem, **3064**
Sebestyen, L. G., oxide-cathode quality by shot-noise tests, **3194**
— *and J. Takacs,* magnetic recording, **3493**
Seeger, C. L., *F. L. H. M. Stumpers and N. van Hurck,* 75-cm receiver for radio astronomy, **1816**
Seeger, J. A., *with J. R. Hechtel,* resistor network for solving Laplace and Poisson equations, **2479**
Seelbach, W. C., *with others,* magnetic associative memory, **3258**
Segmüller, A., magnetic properties of permalloy films, **4223**
Segre, S. E., *and J. E. Allen,* magnetic probes of h.f. response, **668**
Séguier, G., *with R. Dehors,* voltage waveform analyser, **3112**

Seidel, H., analysis of magnetic history of ferromagnetic specimens, **3073**
— *with M. Uenohara*, project Echo up-converter for satellite-tracking radar, **3701**
Seiden, P. E., calculation of line widths and relaxation times, **1482**; relation of parameters in ferrimagnetic resonance, **2173**
Seidl, R., exo-electron emission of Ge, **239**
Seiffarth, W., transmitter tetrodes in television bands IV/V, **3583**
Seiler, K., *with K. Schuegraf*, surface states on high-purity Ge, **946**
Seki, M., *with others*, ion optics in multistage accelerator tubes, **2752**
Seki, T., *with others*, photoconductive properties of PbO, **587**
Sekizawa, H., electron diffusion and wall relaxation in ferrites, **3883**
Selzer, E., *with others*, magnetic and telluric effects of Argus experiment, **2571**
Semplak, R. A., *with D. C. Hogg*, effect of rain on noise level of microwave system, **1024**
Sen, H. K., *and A. A. Wyller*, generalization of Appleton-Hartree magneto-ionic formulas, **1296**
Sen, J. K., *and S. Deb*, transistorized electronic analogue multiplier, **2481**
Senderikhin, I. M., theory of thermal breakdown of Ge diodes, **3178**
— *and P. V. Sharavskii*, characteristics of Ge diodes, **3177**
Senftle, F. E., *T. Pankey and F. A. Grant*, magnetic susceptibility of TiO_2, **1248**
Senior, T. B. A., diffraction by imperfectly conducting half-plane, **506**; impedance boundary conditions, for imperfectly conducting surfaces, **2160**, for rough surfaces, **2162**; scalar diffraction by prolate spheroid, **2163**
— *with others*, surface roughness of spheres, **834**
Senitzky, I. R., induced and spontaneous emission in coherent field, **515**
Senko, M. E., theory for ferroelectric effect in dihydrogen phosphates, **2636**
Sennhenn, E., television standards conversion, **4316**
Sensiper, S., *with R. D. Weglein*, capacitance coefficients for varactor diodes, **2408**
Seppen, J. M. C., *with others*, Elbe-Weser shore-based radar system, **1530**
Seraphim, D. P., *and P. M. Marcus*, stress effects on superconducting transitions in Ta and Sn, **3474**
Serson, H. V., *and B. C. Blevis*, observations of auroral ionization 11th–16th November 1960, **4145**
Seshadri, S. R., scattering by unidirectionally conducting infinite strip, **2164**; back-scattering, by circular disk, **3342**, by infinite strip, **3345**; diffraction of plane wave by unidirectionally conducting half-plane, **3724**
Setterington, R. A., *with R. W. A. Scarr*, thermistors, **55**
Setty, C. S. G. K., bifurcation of F layer, **550**; pre-sunrise phenomenon and negative ions in F region, **551**; eclipse effects, on F layer, **557**, on F_1 layer, **558**; observations on F layer at night, **3395**, **3771**
— *with H. Rishbeth*, F layer at sunrise, **2203**
Sevast'yanov, B. K., magnetic properties of superconducting Sn and In films, **3863**
Sevely, Y., *with C. Mira*, trigger circuit, **83**
— *with others*, stabilization of direct voltage supplies, **705**; equation for performance of non-linear transistor amplifier, **1448**
Severin, H., Sommerfeld and Harms-Goubau waveguides, **1724**; developments in microwave physics, **2435**
— *and K. Körper*, diffraction of e.m. waves at rectangular apertures, **3343**
Sewell, G. L., electric conduction in antiferromagnetics, **1247**
Sexton, M. C., *J. J. Lennon and M. J. Mulcahy*, microwave method of investigating pulsed discharges, **300**
Seyfried, J., *with others*, automatic evaluation equipment, **2446**
Seymour, P. W., methods of linear network analysis, **3271**
Shakeshaft, J. R., *with J. A. Högbom*, secular variation of flux density of radio source Cassiopeia A, **1492**
Shapiro, I. I., *and H. M. Jones*, Echo satellite, perturbations of orbit of, **1157**, loss of mass in, **2194**
Shapiro, I. P., influence of Tl and TlCl on conductivity of Se, **2263**
Shapiro, R., *with F. Ward*, influence of sunspots on geomagnetic disturbances, **2191**
Shapiro, S., *with others*, direct measurement of superconducting energy gap, **967**; superconducting characteristics of superimposed metal films, **3476**
Sharavskii, P. V., *with I. Kh. Geller*, electrical parameters of Se rectifiers, **3156**
— *with I. M. Senderikhin*, characteristics of Ge diodes, **3177**
Sharpe, C. B., measuring dielectric constants at microwave frequencies, **295**
Sharpe, J., photoelectric cells and photomultipliers, **3190**
Shaver, H. N., *with others*, selective-amplitude speech processing, **1390**
Shaw, D., photosensitivity and speed of response in CdS, **3801**
— *and B. Crump*, thermal and optical behaviour of phototransistors, **1354**
Shaw, R. W., *D. E. Mapother and D. C. Hopkins*, critical fields of superconducting Sn, In and Ta, **969**
Shayler, J. S., radio guidance for automatic landing system, **1525**
Shearman, E. D. R., backscatter sounding for h.f. broadcast services, **3541**
Shearme, J. N., *with J. N. Holmes*, correlator employing Hall multipliers for vocoder analysis, (D)**2450**
Sheffield, J. C., *with others*, improved electron multiplier, **4269**
Sheftel', I. T., *with A. L. Burkin*, Co-Mn oxide bolometers, **1964**
Sheinkman, M. K., photoconductivity mechanism in CdS-type crystals, **1193**
Shelton, C. T., *with F. F. Martin*, modifying vidicon camera chain for slow-scan systems, **3555**
Shemanaev, G. D., *and E. N. Ivanova*, locking of two-circuit oscillator, **3673**
Shenker, H., low-field breakdown, non-ohmic conductivity and photoconductivity of CdS, **3423**
Shepard, F. H., Jr, superregenerative pulse radar, **3794**
Shepherd, A. A., *with V. Magee*, Si photovoltaic cells, **1353**
Shepherd, F. D., *and A. C. Yang*, nonsymmetrically doped tunnel diodes, **4334**
— *with A. C. Yang*, *n*- and *p*-type Bi_2Te_3, **3469**
Shepherd, G. P., *and D. G. Kiely*, tunable parametric up-converter, **2513**
Shepherd, L. T., *and H. M. Skarsgard*, r.f. breakdown controlled by electron drift, **3707**
Sheppard, A. P., *with others*, microwave emission from optically pumped atomic system, **516**
Sherman, B. N., *with G. Husson*, transistorized frequency synthesizer, **2735**
Sherrill, M. D., *and H. H. Edwards*, superconducting tunnelling on bulk Nb, **3066**
— *with R. E. Glover, III*, changes in superconducting critical temperature, **257**
Shersby-Harvie, R. B. R., r.f. forced oscillations in nonuniform plasmas, **106**
Sherwood, J. W. C., transient sound propagation in layered liquid, **1382**
Sherwood, R. C., *with others*, magnetic moment of transition metal atoms in dilute solution, **1244**; ferromagnetism in Sc-In solid solutions, **3871**
Shestopalov, V. P., *and V. A. Slyusarskii*, helix slow-wave systems, **755**
— *and K. P. Yatsuk*, slow surface waves for measurement of dielectric constants at u.h.f., **665**
— *K. P. Yatsuk and I. P. Yakumenko*, slow surface waves for measurement of dielectric constants at u.h.f., **666**
Shevchenko, I. B., *with P. P. Konorov*, photoelectric properties of CdTe and ZnTe films, **1188**
Shevnin, A. D., *with M. G. Antsilevich*, geomagnetic observations by first cosmic rocket, **545**
Shibaike, T., *with others*, 1/*f* noise in Ge *p-n* junction, **2699**
Shibata, A., distribution coefficient of Zn in GaAs, **1574**
Shibata, C., emission from oxide cathode in strong electric field, **371**, **2421**
Shibata, H., *and S. Watanabe*, variation of f_0E and index of solar activity, **2207**
— *K. Sawada and S. Taguchi*, longitudinal and latitudinal effect in ionosphere, **2200**
Shichijo, Y., *and T. Miyadai*, magnetic properties and resonance of polycrystalline $Y_3Fe_{5-x}In_xO_{12}$, 6.28
Shields, R. B., *with R. H. Holman*, measuring frequency stability of pulsed signals, **3108**
Shimada, K., noise generated in ion sheath of probe, **1787**
Shimazaki, T., height of maximum electron density of F_2 layer, (D)**874**; occurrence of spread-F and geomagnetic field, **1849**
Shimizu, T., *and K. Shimoda*, 'nonadiabatic' behaviour in l.f. beam-type maser, **4053**
— *with others*, beam-type masers for r.f. spectroscopy, **1481**
Shimoda, K., *H. Takuma and T. Shimizu*, beam-type masers for r.f. spectroscopy, **1481**
— *with T. Shimizu*, 'nonadiabatic' behaviour in l.f. beam-type maser, **4053**
— *with T. Yajima*, three-level gas maser as microwave spectrometer, **2548**
Shimura, M., *with J. Nagumo*, self-oscillation in transmission line with tunnel diode, **3669**
Shionoya, S., *H. P. Kallmann and B. Kramer*, excited electrons and holes in ZnS phosphors, **2628**
Shirafuji, J., *and Y. Inuishi*, effects of vacancies on pulse photoconduction in CdS, **4163**
Shirane, G., *with S. L. Ruby*, magnetic anomaly in $FeTiO_3$-αFe_2O_3 system by Mössbauer effect, **4234**
Shiren, N. S., phonon-photon transitions for detection of microwave ultrasonics, **1711**
— *and E. B. Tucker*, interaction of microwave ultrasonics with spins, **1951**
Shklovskaya-Kordi, V. V., *with L. K. Zarembo*, propagation velocity of finite-amplitude ultrasonic wave in liquid, **1703**
Shklovskii, I. S., *with others*, ionized gas and high-energy electrons in vicinity of earth, **138**; detection of 10-keV electrons in upper atmosphere, **154**
Shmelev, G. I., *with S. V. Airapetyants*, method of growing uniform single crystals, **2695**
Shmoys, J., diagnostic method for cylindrical plasmas, **2536**
Shneider, Yu. G., *with N. S. Bykov*, influence of surface finish on attenuation of surface waves, **3607**
Shockley, W., *p-n* junctions in Si, **3028**; field-enhanced donor diffusion in degenerate semiconductor lavers, **3830**
— *and J. L. Moll*, solubility of flaws in semiconductors, **597**
— *and H. J. Queisser*, balance limit of efficiency of solar cells, **2380**
— *with A. Goetzberger*, metal precipitates in Si *p-n* junctions, **608**
— *with others*, diffusion along small-angle grain boundaries in Si, **4182**
Shombert, D. J., *with J. E. Allegretti*, laminar junction layers, **1333**
— *with others*, Si epitaxial microcircuit, **2866**
Shono, K., *with M. Tokunaga*, forward characteristics of Si *p-π-n* junctions, **3836**
Short, G. W., two-signal bridges, **673**; suppressed-carrier d.s.b. systems, **2368**
Showell, H. A., *C. W. M. Barrow and R. E. Collis*, transistorized magnetostrictive delay-line stores, **444**
Shtasel, A., *and H. T. Knight*, Cb as electrolytic capacitor metal, **2109**
Shtein, N. I., influence of parasitic parameters of waveguide model, **3626**
Shtrum, E. L., semiconducting properties of $AgFeTe_2$, **3014**
Shukeilo, I. A., *with G. A. Grinberg*, solving problems of potential theory for electron-optical lenses, **489**
Shul'man, A. R., *with others*, thermionic emission of Ba_3WO_6, **2817**
Shuppe, G. N., *with others*, pulsed electron emission from W, **1357**
Shur, Ya. S., *with A. D. Sokolov*, magnetic properties and sensitivity of magnetostrictive receivers, **1708**
Sibille, R., ferrite materials with low temperature coefficient, **986**
Siddhu, G. S., *with others*, resonator and output couplers for inverted magnetron, **1377**
Sidorowicz, R. S., cold-cathode tube circuits for automation, **2744**
Siebert, M., drift velocity of charged particles, **2181**
Siegel, K., figures of merit for varactor diodes, **2409**
Siegel, K. M., scattering from bodies of revolution, **899**
Siegman, A. E., analysis of d.c.-pumped quadrupole amplifier, **377**
Siekanowicz, W. W., e.s.-focused travelling-wave tube, **753**
Sierins, J. V., *with others*, parametric-resonance spectroscopy at zero field, **1804**
Sigal, M. A., *with I. A. Derygin*, dispersion of artificial dielectrics at 500–35 000 Mc/s, **3806**
Silberstein, R., N.B.S. research on location and d.f., **3787**
Silence, N., *with P. C. Fletcher*, absorption above ferrimagnetic resonance, **2722**
Silenok, G. A., *and others*, efficiency of helix waveguide, **28**
Silin, V. P., theory of ultrasonic absorption in metals, **1707**
Silina, E. V., *with Zh. I. Alferov*, influence of surface states on breakdown of Si diodes, **2404**
Silleni, S., economy of radio frequencies, **1305**
Silverman, B. D., *with others*, nonlinearity and microwave losses in $SrTiO_3$, **3808**
Silverman, R. A., *with I. Kay*, multiple scattering by dielectric slabs, **2546**
Silvey, W., *with others*, parametric diodes in maser phase-locked frequency divider, **89**
Simha, O. P., *with B. N. Singh*, variation of rate of fading with frequency, **684**
Simon, G., influence of Bloch-wall displacements, **3480**
— *with W. Döring*, direction dependence of magnetostriction, **840**
Simon, J. C., *with others*, propagation in heterogeneous medium, **3129**
Simon, K. H., *with H. Rogenhagen*, amplitude distribution of scintillation noise, **2821**
Simon, R., *J. H. Cahn and J. C. Bell*, current flow in cylindrical semiconductor specimens, **1553**
Simpson, J. A., *and L. Marton*, improved electron filter lens, **4267**
— *with others*, cosmic-ray intensity, rapid reduction of, **141**, 11-year changes of, **150**; outer-belt electrons and neutron decay hypothesis, **4092**
Sims, C. C., bubble transducer for radiating sound in water, **1055**
Sims, G. D., *and I. M. Stephenson*, negative-resistance concept in modern electronics, **1097**
— *with others*, operation of backward-wave oscillator, **1374**
Sims, R. C., *E. R. Beck, Jr, and V. C. Kamm*, tunnel-diode digital techniques, **1095**
Sims, S. D., *with A. K. Kamal*, modulation of coherent light, **3735**
Sinani, S. S., *with G. V. Kokosh*, thermoelectric properties of Sb_2Te_3-Bi_2Te_3 alloys, **1245**
Singer, J. R., automatic frequency regulation system, **80**
— *and S. Wang*, general analysis of maser oscillator emission, **2897**
— *with S. Wang*, paramagnetic maser oscillator analysis, **3694**
Singer, S. F., structure of exosphere, **191** *b*; distribution of geomagnetically trapped protons, **531**
Singh, A., *and R. A. Rao*, cylindrical cavity with radial vanes, **4026**
— *and N. C. Vaidya*, experimental inverted magnetron, **1376**
— *and others*, resonator and output couplers for inverted magnetron, **1377**
Singh, B. N., *and O. P. Simha*, variation of rate of fading with frequency, **684**
Singh, R. N., *with S. R. Khastgir*, analysis of random fading records, **2357**
Singleton, D. G., geomorphology of spread-F, **878**; spread-F and latitude variation of occurrence of whistlers, **1171**; scintillations and latitude distribution of ionospheric irregularities, **3761**
— *G. J. E. Lynch and J. A. Thomas*, field-aligned ionospheric irregularities and scintillation of satellite radio transmissions, **1162**
Sinha, J. K., equivalent-circuit parameters of asymmetric waveguide junction, **405**
— *and J. Brown*, cavity-resonator method for measuring permittivity, **664**
Sinha, N. K., design of optimum filters, **790**
Sinnatt, J. F., *with others*, broad-band telecommunication systems, **4294**
Sinno, K., solar corpuscular radiations causing abnormal polar ionization, **2977**

— *with J. A. Jacobs*, characteristics of geomagnetic micropulsations, **1502**
Sinyakov, E. V., *and E. A. Stafilchuk*, solid solutions of niobates and tantalates based on $BaTiO_3$, **2634**
Siratori, K., *A. Tasaki and S. Iida*, residual magnetization at low-temperature transition in αFe_2O_3, **1939**
Sisco, W. B., *with J. M. Fiskin*, propagation of e.m. waves through hypersonically produced plasma, **1123**
Sisson, R. L., *with others*, computer-generated displays, **1086**
Sitenko, A. G., *and V. S. Thalich*, Cherenkov effect for charge above interface, **501**
Sittner, R., noise and stability of non-neutralized triode, **740**
— *and W. Minner*, design of double-tuned band filters, **4032**
Sizer, T. R. H., *with others*, digital differential analyser, **436,** control pulse generation for, **2860,** main store of, **3650**
Sizmann, R., *with others*, effect of α radiation on ZnS phosphors, **3425**
Skalski, C. A., negative-resistance distributed amplifier, **482**
Skarsgard, H. M., *with L. T. Shepherd*, r.f. breakdown controlled by electron drift, **3707**
Skiko, E. J., *with L. Hellerman*, analysis of circuit transient performance, **1740**
Skinner, N. J., *with others*, equatorial spread F. belt of, **879,** at Ibadan, **2960**
Skinner, P., *with D. W. Willis*, magnetic tape system design, **1033**
Skinner, R., *with J. T. Weaver*, ionospheric currents associated with aurorae, **1174**
Skoumal, S., telemetering and remote control over radio links, **2373**
Skrotskii, G. V., *and A. A. Kokin*, influence of coherent radiation field on magnetic resonance, **1480**
Slack, G. A., *and C. Glassbrenner*, thermal conductivity of Ge, **1222**
Sladek, R. J., magnetoresistance of InSb, **1240;** quadratic deviations from Ohm's law in InSb, **1575**
— *and R. W. Keyes*, galvanomagnetic effects in Ge in impurity-conduction range, **3045**
Slagmaat, G. C. van. See van Slagmaat, G. C.
Slaughter, R. J., television downleads, **782**
Slee, O. B., *with others*, radio sources between declination −20° and −50°, **1815**
Slepian, D., further theory of group codes, **323**
— *and H. O. Pollak*, prolate spheroidal wave functions, **1598**
Slonczowski, J. C., magnetoelastic effects in Co-Fe ferrite, **984;** anisotropy of Co-substituted Mn ferrite, **2316;** magnetostriction in Co-Mn ferrites, **3884**
Slyusarskii, V. A., *with V. P. Shestopalov*, helix slow-wave systems, **755**
Smart, J. S., behaviour of magnetic systems with dilution, **1468**
Smart, R. G., steady-state analysis of power-frequency relations in time-varying reactances, **2874**
Smetannikova, Yu. S., *with others*, photosensitivity spectrum of InSb, **1878**
Smilen, L. I., *and D. C. Youla*, stability criteria for tunnel diodes, **3566**
Smirnov, G. E., *and O. S. Tonakanov*, fluctuations of underwater acoustic signals reflected from rough sea surface, **3606**
Smirnov, I. A., *with E. D. Devyatkova*, thermal conductivity of Ge with different carrier concentrations, **2678**
Smirnova, T. V., *with others*, phonon component of transverse Nernst effect in *p*-type Ge, **950**
Smith, A. G., radio spectrum of Jupiter, **4083**
— *with others*, origin of decametre-λ radiation from Jupiter, **523**
Smith, C. H., *and A. Prabhakar*, multipliers and dividers in a.c. computers, **435**
Smith, C. S., *with H. Jaffe*, elastic constants of ADP and Laval theory of crystal elasticity, **2646**
Smith, D. H., *with G. R. Hoffman*, emission of electroluminescent cells energized by pulses, **914**
— *with others*, light output from electroluminescent storage systems, **437**
Smith, D. O., *M. S. Cohen and G. P. Weiss*, oblique-incidence anisotropy in evaporated permalloy films, **638**
Smith, E. R., *with others*, optical calibration of vibration pickups, **3603**
Smith, F. A., *with others*, spectral response limit of PbTe and PbSe photocells, **1352**
Smith, F. G., r.f. switching circuits in radio astronomy, **2485;** spectrum of galactic radio emission, **4081**
— *with A. S. Bennett*, comparison of three surveys of radio stars, **2556**
— *with C. H. Costain*, radio telescope for 7·9 mλ, **2177**
Smith, F. P., *with B. Dale*, spectral response of solar cells, **3941**
Smith, J. G., *with S. Okwit*, travelling-wave maser with 100-Mc/s bandwidth, **3302**
— *with others*, electronically tunable travelling-wave masers, **805**
Smith, J. P., *and J. F. Baumunk*, television imagery simulator, **3556**
Smith, J. R. W., *with L. J. Herbst*, pulse-sampling voltmeter for transistor testing, **3509**
Smith, J. W., characteristics of persistent sporadic-meteor echoes, **3376**
— *with A. A. Weiss*, southern hemisphere survey of sporadic meteors, **158**
Smith, K. D., *with others*, solar cells for communication satellites in Van Allen belt, **3942**
Smith, M. J. A., frequency stabilization of klystrons, **748**
Smith, P. A., *with others*, relation of sunspot numbers to E-region character figures, **2968**
Smith, P. H., *and others*, superconducting characteristics of superimposed metal films, **3476**
— *with others*, direct measurement of superconducting energy gap, **967**
Smith, R. A., physics of semiconductors, **600;** amplification through stimulated emission, **2896**
Smith, R. C., growth of Ge dendrites, **3840**
Smith, R. L., guiding of whistlers in homogeneous medium, **201;** electron densities deduced from nose whistlers, (D)**4138**
— *and D. L. Carpenter*, nose whistler analysis, **4149**
— *and R. A. Helliwell*, electron densities deduced from nose whistlers, **191** *d*
Smith, R. W., *with B. N. Harden*, transistor measurements, **1342**
Smith, W. E., theory of steady forces in variable-parameter networks, **669;** average forces in e.m. systems, **3332**
Smithgall, H. E., low-power cathode for television tubes, **2396**
Smits, F. M., *K. D. Smith and W. L. Brown*, solar cells for communication satellites in Van Allen belt, **3942**
— *with H. K. Gummel*, margin considerations for Esaki-diode/resistor OR gate, **1427**
— *with S. P. Morgan*, potential distribution and capacitance of graded *p-n* junction, **1346**
Smyth, H. R., microwave position-fixing system, **576**
Smyth, J. B., space analysis of radio signals, **3913**
Smythe, G. E., *with others*, airborne frequency generating unit, **2127**
Snieder, J., ferromagnetic resonance in polycrystalline ferrites, **650**
Snitko, O. V., *with V. G. Litovchenko*, long-term variations of field effect in Si, **940;** surface properties of Si, **2663**
Snitzer, E., fibre cavities for optical masers, **1486;** cylindrical dielectric waveguide modes, **3997**
Snow, W. B., applications of acoustic engineering in studios, **3229**
Snowden, D. P., *and A. M. Portis*, electrical structure of PbS films, **1538**
Snyder, N. W., power supplies for space vehicles, **3943**
Sobel, A., synchronous detector using beam-deflection tube, **4359**
Sobolevskaya, R. B., *with others*, thermionic emission of Ba_3WO_6, **2817**
Sobouti, Y., relation between geomagnetic and auroral events, **2217**
Sochava, L. S., *and D. N. Mirlin*, relation between excess noise and surface trapping, **2675**
Sodha, M. S., electrical and thermal currents in ionized gas, **103;** heating of ionized gas sheath by microwaves, **2539**
Sohm, J. C., impact ionization in Si, **2270**
Soifer, R., satellite-supported communication at 21 Mc/s, **4301**
Sokolov, A. D., *and Ya. S. Shur*, magnetic properties and sensitivity of magnetostrictive receivers, **1708**
Sokol'skaya, I. L., *with others*, *I/V* characteristics of autoelectron current from semiconductors, **2296**
Soldi, M., errors in measurements on balanced elements, **1270**
Solomon, I., *with I. Freycenon*, terrestrial-field magnetometer, **1000**
Solomon, L., multiplex adaptors for compatible f.m. stereo reception, **4288**
Solomon, R., anomalous surface channels on Si *p-n* junctions, **609**
Solt, E. H., *with P. M. Platzman*, microwave breakdown of air in nonuniform fields, **101**
Soltamov, U. B., *and I. G. Perestoronin*, non-equilibrium carrier lifetime in surface layers of CdSe + Ag, **2622**
Solymar, L., properties of three coupled waves **514;** stability of plasma sheet in time-periodic magnetic fields, **1127;** lens-compensated biconical aerial, **2476;** finite-gap klystrons, **4363**
— *with A. E. Karbowiak*, waveguides for long-distance transmission, **1722**
— *with others*, H_{18}-to-H_{11} mode transducer, **412**
Sommer, A. H., *and W. E. Spicer*, Bi-Ag-O-Cs photocathode, **3579**
Sommerhalder, P., free energy of 180° walls in dipole lattice, **2632**
Sommers, H. S., Jr., *with M. Cardona*, effect of temperature and doping on reflectivity of Ge, **3844**
Somos, I., commutation and destructive oscillation in diode circuits, **3944**
Sondhauss, C., *with P. Bobisch*, reactance diodes in waveguide amplifiers, **3571**
Sonett, C. P., *with others*, interplanetary magnetic storm: Pioneer V, **3752**
Sonntag, E., squaring circuits, **3319, 3320**
Sonoda, M., *and others*, ion optics in multistage accelerator tubes, **2752**
Sontheim, H., *with W. Poschenrieder*, analogue device for filter development, **70**
Soo, S. L., sound attenuation and dispersion in aerosols, **7**
Soohoo, R. F., spin-wave dispersion relations, **1482**
Soorsoorian, S., *with I. Goldstein*, microphony in waveguide, **400**
Sorochenko, R. L., *with others*, radio astronomy observations of second space rocket, **164**
Soshea, R. W., *and A. J. Dekker*, secondary emission vs angle of incidence of primary beam on Ti, **2703**
Špaček, L., Bloch-wall energy in Fe and Ni, **262**
Spangler, E. R., *with P. F. Glazer*, payload design for lunar satellite, **544**
Spány, V., collector-coupled complementary pair, **3680**
Sparkes, J. J., charge control parameters of transistors, **361**
Sparks, M., *R. Loudon and C. Kittel*, ferromagnetic relaxation, **3349**
Sparks, P. V., servo filter and gain control for d.f., **3416**
Spear, W. E., hole mobility in Se, **1210**
— *with H. P. D. Lanyon*, space-charge-limited current and deep trapping in Se, **3436**
Spelman, F. A., voltage comparator for low-frequency noise measurements, **3501**
Spence, R., *with others*, potential microwave computer element, **3651**
Spencer, E. G., *with others*, low-loss acoustic resonance in garnet spheres, **3490**
Spencer, H. E., *and J. V. Morgan*, hole mobility and crystal size in PbS films, **902**
Spetner, L. M., *and I. Katz*, statistical models for radar terrain return, **1179**
— *with I. Katz*, polarization and depression-angle dependence of radar terrain, **208**
Spicer, W. E., photoemission and related properties of alkali antimonides, **1184;** photoemissive energy converters, **2783**
— *with A. H. Sommer*, Bi-Ag-O-Cs photocathode, **3579**
Spiegel, P., scalers using tunnel diodes, **84**
Spies, K. P., *with J. R. Wait*, phase velocity of v.l.f. radio waves, **2338**
Spiess, S., pulling effects in valve oscillators, **3671**
Spilker, J. J., Jr, *and D. T. Magill*, delay-lock discriminator, **4156**
Spindler, W., suppression of parasitic gap resonances, **3239**
Spitz, E., *with G. Broussaud*, endfire antennas, **1421**
Spitzer, W. G., *and M. Tanenbaum*, interference method for measuring epitaxial films, **2662**
Spizzichino, A., *with others*, propagation in heterogeneous medium, **3129**
Spogen, L. R., *and others*, selective-amplitude speech processing, **1390**
Spratt, J. P., *R. F. Schwarz and W. M. Kane*, hot electrons in metal films, **3086**
Spreiter, J. R., *and B. R. Briggs*, theory of e.s. fields in ionosphere, **3393, 4115**
Springer, H., *with H. Grosskopf*, flywheel-synchronized horizontal-deflection systems, **351**
Sproson, W. N., excitation range of two-colour reproduction system, **3554**
Spry, W. J., *and P. M. Scherer*, de Haas-van Alphen effect in graphite, **1212**
Srivastava, R. S., *with S. R. Khastgir*, waveforms of atmospherics, **2221**
Staar, D. A., *with S. R. Parris*, accurate phantastron delay circuit, **466**
Stacey, F. D., thermally activated domain-wall motion, **971**
Stadler, O. J., *with others*, effect of α radiation on ZnS phosphors, **3425**
Stafilchuk, E. A., *with E. V. Sinyakov*, solid solutions of niobates and tantalates based on $BaTiO_3$, **2634**
Stäger, C., coaxial termination resistor, **3240**
Stahl, D., gain of Yagi aerial for dmλ, **1075**
Staiger, F., load specification for aerial supports, **2850**
Standley, K. J., *with W. B. Nask*, wall effect in ferrimagnetic resonance, **274**
Stanley, A. R., *with others*, survey of B.B.C. experimental colour transmissions, **1649**
Stannard, C., Jr, *with others*, oscillatory photoconductivity in InSb, **3856**
Stanner, W., radar and radio navigation, **2437** *c*
Stanulov, N., medium-wave broadcast aerials, **3248**
Staras, H., propagation of wideband signals through ionosphere, **3537**
Stecker, A., *with others*, microphony in electron tubes, **2820**
Steele, M. C., *with R. D. Larrabee*, oscillistor, **356**
Stefant, R., stabilization for a magnetic field, **1038**
Steglich, W., coupling of ultrasonic resonators, **3220**
Steiger, W. R., *and J. W. Warwick*, cosmic radio noise at 18 Mc/s, **1491**
Steigerwald, K. H., *with S. Fanzer*, electron beam as tool, **3120**
Steigmeier, E., *with G. Busch*, conductivity, Hall effect and thermo-e.m.f., **3464**
Stein, I., *with others*, power supply for Tiros I, **2780**
Steinberger, I. T., majority-carrier injection in CdS single crystals, **904**
— *V. Bar and E. Alexander*, electroluminescence of ZnS, **1884**
Steiner, K. H., parametric circuits with nonlinear reactances and resistances, **3303**
— *with R. Elsner*, single and periodic transient processes, **68**
— *with others*, parametric amplifiers, **475**
Steinhart, R., ferrite resonance isolators, **411, 1415**
Steinhäuser, W., *with others*, tunnel diode, **4332**
Steinke, G., optimum monophonic broadcast transmission system, **699**
— *M. Wasner and J. Seyfried*, automatic evaluation equipment, **2446**
Steljes, J. F., *H. Carmichael and K. G. McCracken*, cosmic-ray fluctuations in November 1960, **2937**
Stelzried, C. T., transmission-line parameters with negative-conductance load, **2076;** liquid-He-cooled coaxial termination, **3237**
Stemme, O., *with others*, magnetic anisotropy of thin films, **267**
Stemple, N. R., *with T. G. Dunne*, ferroelectric properties of $BaLi_{2x}Al_{2-2x}F_{4x}O_{4-4x}$, **1546**
Stepanov, K. N., cyclotron absorption of e.m. waves in plasma, **1125**
— *with A. V. Kitsenko*, instability of anisotropic plasma, **3227**
Stephan, W., Bloch wall movement in Si iron, **2706**
Stephenson, I. M., *with G. D. Sims*, negative-resistance concept in modern electronics, **1097**
— *with others*, operation of backward-wave oscillator, **1374**
Stern, E., *and A. Lurio*, dielectric properties of $BaTiO_3$ in paraelectric state, **3813**
— *with A. Lurio*, dielectric constant of $BaTiO_3$ at X band, **592**
Sterzer, F., *and D. E. Nelson*, tunnel-diode microwave oscillators, **2411**
— *and A. Presser*, low-noise tunnel-diode frequency converter, **3668**

Stevens, J. E., *with others,* communication system for highway traffic control, **332**
Stevens, K. W. H., Hamiltonian formalism of damping in tuned circuit, **1439**
Stevens, P. J., *with C. M. Lock,* micropulsations and ionosphere, **4126**
Stevens, S. S., *with G. S. Reynolds,* binaural summation of loudness, **1962**
Stevenson, R., measurement of magnetic susceptibility, **1962**
Stewart, B., *with W. F. Hilton,* attitude stabilization and station keeping for communication satellites, **4302**
Stewart, E. S., *with J. L. Stewart,* hypersonic resonance of quartz at 3 500 Mc/s, **2831**
Stewart, J. L., generalized Padé approximation, **995**
— *and E. S. Stewart,* hypersonic resonance of quartz at 3 500 Mc/s, **2831**
Stewart, R. M., structure of logic nets, **3649**
Stier, F., energy of plane magnetic field, **2543**
Stil'bans, L. S., *with others,* mechanism of carrier scattering in Ge, **3032**
Stiles, P. J., *E. Burstein and D. N. Langenberg,* de Haas-van Alphen oscillations in PbTe, **3466**
— *with J. M. Luttinger,* magnetic susceptibility of holes in Ge, **2277**
Stitch, M. L., *N. O. Robinson and W. Silvey,* parametric diodes in maser phase-locked frequency divider, **89**
Stocker, C. F., *with J. Hilibrand,* design of varactor diodes, **1337**
Stocker, H. J., *I/V* characteristics of InSb diodes, **2025**
Stockford, M. T., *with others,* phase modulation of t.w. tubes, **754**
Stockinger, F., *with M. Dreihor,* multiple products of matrices, **660**
Stockman, H. E., parametric variable-capacitor motor, **2751**
Stoffregen, W., E-W drift of auroral forms, **3407**
Stöhr, W., *and O. Zinke,* optimum wide-band omnidirectional radiator, **37**
— *with H. Laub,* feeders for dm-λ aerials, **1422**
Stolen, R., *with T. D. Rossing,* measuring anisotropy of thin magnetic films, **3902**
Stolz, H., electron-phonon interaction in metals, **4172**
Stone, H. A., Jr, *and R. M. Warner, Jr,* field-effect tetrode, **3577**
Stone, M. L., *with others,* fading rate of moon-reflected u.h.f. signals, **316**; space communications using the moon as reflector, **4298**
Stoner, D. L., project Oscar, **1505**
Storke, F. P., Jr, monopulse instrumentation system, **3795**
Storm, A. R., Jr, *with L. W. Davies,* recombination radiation from Si, **2268**
Storm, L., determination of Boltzmann's constant, **2529**
Störmer, H., statistical method for predicting lifetime of communication installation, **1636**
Stösser, W., magic T, **30**; 3-dB coupler, **1413**
— *with E. Pivit,* microwave circulator, **1069**
Stracca, G. B., parametric amplifiers, **3696**
— *and A. Butti,* amplification by nonlinear reactances, **1109**
Straiton, A. W., *and C. W. Tolbert,* moon reflection studies with bistatic radar, **1150**
— *with A. B. Clinger,* radiosonde for direct measurement of refractive index, **886**
— *with C. W. Tolbert,* atmospheric absorption of mm radio waves, **1978**
— *with others,* temperature compensation of coaxial cavities, **63**; absorption of gases in 100–117-Gc/s range, **1813**
Strakna, R. E., *with A. E. Clark,* elastic constants of YIG, **3489**
Strandberg, M. W. P., crossover transitions, **1135**
— *with B. W. Faughnan,* role of phonons in paramagnetic relaxation, **3352**
— *with R. D. Mattuck,* spin-phonon interaction in paramagnetic crystals, **279**
Strandén, F., *with E. Magnusson,* Motala long-wave broadcasting station, **1637**
Strauss, A. J., properties of *n*-type GaSb, **2689**
— *and A. J. Rosenberg,* preparation and properties of $CdSnAs_2$, **2287**
— *with A. J. Rosenberg,* solid solutions of In_2Te_3 in Sb_2Te_3 and Bi_2Te_3, **3463**
Strelkov, P. G., *with S. I. Novikova,* thermal expansion of Si at low temperature, **2267**
Strick, H., *with others,* amplitude variations of Sputnik III signals, **1161**
Stricker, G., *with O. Henke,* waveguide techniques, **1067**
Strohschneider, W., Swiss v.h.f. receiver, **2363**
Strokan, N. B., *with A. A. Grinberg,* transient characteristics of photodiodes, **3191**
Strutt, M. J. O., *and S. F. Sun,* multiphase wattmeters based on magnetoresistance effect, **1613**
— *and F. K. von Willisen,* frequency dependence of Gauss effect, **3829**
— *with B. Schneider,* noise in transistors at high current densities, **360**, **363**
— *with J. S. Vogel,* life measurements on l.f. transistors, **1344**; transistor amplifier stages, distortion and interference effects in, **2516**, low-frequency mixing in, **2892**
Stuart, R., *and W. Marshall,* direct exchange in ferromagnets, **826**
Stuart, W. D., *with T. G. Hame,* electron content and distribution in ionosphere, **185**
Stubbs, A. R., *with M. J. Tucker,* echo-ranger for fishery and geological investigations, **1968**
Stubbs, H. G., *and J. Peysson,* absorbent materials at u.h.f., **831**
Stumpers, F. L. H. M., *and R. Schutte,* stereophonic broadcast transmission, **333**
— *with others,* 75-cm receiver for radio astronomy, **1816**
Sturley, K. R., Round-Travis discriminator, **2144**
Sturrock, P. A., slow waves and negative energy, **1365**; energy-momentum tensor for plane waves, **1797**; spectral characteristics of type-II solar radio bursts, **4085**
Subashiev, V. K., recombination constant from spectral characteristic of *p-n*-junction photocell, **1871**; losses and efficiency in photoelectric solar-energy converters, **2011**
— *and E. M. Pedyash,* energy diagram of Si photocell, **2036**
— *and S. A. Poltinnikov,* determination of mobility and density in surface layer of semiconductor, **1205**
— *with G. B. Dubrovskii,* determination of recombination constants from spectral characteristics of *p-n* junction photocell, **2993**
Subbarao, E. C., ferroelectricity in $Bi_4Ti_3O_{12}$, **3427**
Subrahmanyan, R. V., *with B. N. Bhargava,* geomagnetic disturbance effects in equatorial E_s, **1514**
Subramanian, M., *with A. K. Kamal,* gain optimization in l.f. up-converters, **810**
Suchet, J. P., atomic radius and energies in mineral semiconductors, **1552**
Suchy, K., *with K. Rawer,* whistlers excited by sound waves, **2608**
Suellentrop, F. J., *with others,* pressure response of condenser microphone, **1718**
Sufczynski, M., Faraday effect for magneto-optical transitions in Ge, **3044**
Sugano, S., *and M. Peter,* effects on energy spectrum of ruby, **3085**
— *with others,* splitting of emission lines of ruby by electric field, **3495**
Sugano, T., *and F. Koshiba,* cut-off frequencies of minority-carrier transport factors in drift transistors, **3576**
— *and H. Yanai,* effects of surface recombination on current amplification factor, **366**
Sugar, G. R., channel capacity loss in meteor-burst communication, **326**
— *R. J. Carpenter and G. R. Ochs,* effects of multiple propagation in meteor-burst communication, **327**
Sugata, E., *M. Terada and K. Ura,* r.f. focusing of electron stream, (D)**2426**
Sugihara, M., effect of heat treatment in magnetic field on Fe-Al alloys, **976**
— *with K. Aovagi,* magnetic anisotropy of Heusler single crystal, **3874**
Sugiuchi, H., *with J. Yasuda,* measurement of ionospheric absorption during I.G.Y., **2211**
Sugiura, M., harmonic analysis of geophysical data, **163**; hydromagnetic waves in earth's magnetic field, **2188**
Sugiura, Y., exchange interaction and field splitting parameter of Fe^{2+}, **644**; magnetic anisotropy of Fe-Co ferrite, **983**
Sugiyama, T., *with others,* ion density measurements by sounding rocket, **1850**
Suhl, H., restoration of stability in ferromagnetic resonance, **1807**
— *and R. C. Fletcher,* ferromagnetic relaxation equations, **1948**
— *and N. R. Werthamer,* random-phase approximations in many-body problem, **2928**
Suhrmann, R., automatic matching of contrast in television receivers, **349**; reflected images on television front plates, **3558**
Sulanke, H., *and H. Dobesch,* overshoot and group delay, **2514**
— *with H. Dobesch,* tilt rise time and overshoot, **467**; moments in time and frequency functions, **2324**
Sullivan, D. J., *and D. A. Parkes,* stepped transformers for partially filled transmission lines, **21**
Sumi, M., nonlinear effects on plasma oscillations, **104**
Summers, T., *with others,* low-level linear rundown circuit for pulse height to pulse width conversion, **3678**
Sun, S. F., *with M. I. O. Strutt,* multiphase wattmeters based on magnetoresistance effect, **1613**
Sunde, E. D., pulse transmission by a.m., f.m. and p.m., **2365**
Suran, J. J., circuit considerations relating to microelectronics, **1425**
Surplice, N. A., negative-ion emission from dispenser cathodes, **3192**
Susini, A., filter synthesis by root locus method, **2880**
Süsskind, C., *with others,* measurement of relative phase shift at microwave frequencies, **298**
Sussman, A., rise-time measurements in MgO cold-cathode diodes, **1678**
— *with F. H. Nicoll,* image-intensifier panel, **735**
Sutcliffe, D., *with others,* hyperfine splitting of Rb-87, **1268**
Sutton, J., *with P. Townsend,* study of superconducting Nb, **4202**
Suzuki, H., *with others,* mechanism of conduction in CdSe, **2621**; electrical properties of ZnTe, **3850**
Suzuki, T., *with J. Ohada,* α-trapping centres in *n*-type Si, **2668**
— *with others,* ultrasonic measurement of magnetization in Mn ferrite, **654**
Suzuki, Y., *with J. Yamato,* core matrix driver with magnetic amplifiers, **2871**
Svetlitskii, F. M., *with others,* detection of 10-keV electrons in upper atmosphere, **154**
Svetlov, N. I., increasing dynamic range of panoramic receiver, **2360**
Svirina, E. P., *with K. P. Belov,* Hall effect in ferrites near Curie temperature, **278**
Swalin, R. A., diffusion and vacancy formation in semiconductors, **3018**
Swanekamp, F. W., *with others,* r.f. technique for pulling oxide crystals, **3087**
Swartz, J. M., *and H. C. Gorton,* determining base voltage and contact resistance of conductivity-modulated diode, **3960**
Swarup, G., *and K. S. Yang,* monitoring paraboloidal reflector antennas, **428**
Swenson, G. W., Jr, *with K. C. Yeh,* field strength near skip distance, **1837**; ionospheric electron content from satellite observations, **2595**
Swift, D. W., *with others,* fading rate of moon-reflected u.h.f. signals, **316**
Swihart, J. C., superconducting strip transmission line, **2074**
Sylvan, T. P., *with F. W. Gutzwiller,* power semiconductor ratings, **2383**
Symmons, H. F., *with others,* paramagnetic-resonance spectroscopy at zero field, **1804**
Syrbe, G., energy distribution of electrons penetrating thin films, **1595**
Szabo, A., *with R. A. Armstrong,* relaxation in ruby, **1954**
Szekely, M. E., *J. T. Wallmark and S. M. Marcus,* binary full adder uses unipolar transistors, **1424**
Szymanski, B., *with G. Bemski,* spin resonance of electrons on donors in Si, **1912**; oscillatory magnetoresistance in InAs, **2290**

Tachiki, M., magnetic anisotropy energy of Co ferrite, **982**
Taft, E. A., *with H. R. Philipp,* optical constants of Si, **936**
Taguchi, S., *with others,* longitudinal and latitudinal effect in ionosphere, **2200**
Tai, C. T., e.m. theory of Luneberg lens, **430**; nomenclature of TE_{oi} modes in cylindrical waveguide, **3999**
Takacs, J., *with L. G. Sebestyen,* magnetic recording, **3493**
Takagi, T., *and K. Mano,* polyphase oscillator, vacuum-tube, **791**, h.f. transistor, **2130**
Takahara, K., quartz crystal units for telecommunication, **3674**
Takahashi, H., *with T. Yonezawa,* electron and ion density distributions of F region, **872**
Takahashi, S., Japanese digital computers, **785**
Takahashi, T., *with others,* photoconductive properties of PbO, **587**; properties of Sb-Cs and Sb(Mg)-Cs films, **2811**
Takahira, A., *and H. Irie,* maritime advective duct and effect on microwave propagation, **1981**
— *H. Irie and T. Nakamura,* v.h.f., u.h.f. and s.h.f propagation beyond horizon, **317**
Takaki, H., *with others,* volume magnetostriction in Ni-Fe alloys, **4214**
Takata, H., *with others,* magnetic torque curves for $TmFeO_3$, **3083**
Takayama, K., *H. Ikegami and S. Miyazaki,* plasma resonance in r.f. probe, **107**
— *with S. Ohara,* oscillation caused by electron sheath breakdown, **492**
— *with others,* ion density measurements by sounding rocket, **1850**
Takayanagi, S., *with I. Teramoto,* electronic properties and chemical bonding of $Sb_xBi_{4-x}Te_{3-y}Se_y$, **3468**
Takeda, S., *and M. Roux,* measuring high electron densities in plasmas, **2155**
Takemoto, S., temperature dependence of line-width of ferrimagnetic resonance of Ni-Cd ferrite, **2724**
Takimoto, N., dynamical theory of ultrasonic attenuation in metals, **3612**
Takuma, H., *with others,* beam-type masers for r.f spectroscopy, **1481**
Talekar, V. L., nonresonant end-fed aerials, **783**
Talham, R. J., *with M. J. Jacobson,* comparison of four directional-receiver correlators, **2835**
Talmo, R. E., semiconductor strain gauges, **1966**
Tamarkin, P., *with C. M. Crain,* sudden ionization anomalies remote from high-altitude nuclear bursts, **1513**
Tamiya, J., measurement of cathode interface impedance, **372**; effect of interface impedance in pulse methods, **373**
Tamm, K., *with others,* reverberation chamber for sound and e.m. waves, **1393**
Tanaka, S., *with Y. Matukura,* conductivity of grain boundaries in Ge, **4188**
Tanaka, T., *with others,* ferroelectricity in potassium ferrocyanide group, **591**, **2637**
Tandit, V. I., *and L. B. Tartakovskii,* radiation of reflector aerial in shadow region, **3644**
Tanenbaum, M., *and A. D. Mills,* uniform-resistivity Si by nuclear transmutation, **3441**
— *with W. G. Spitzer,* interference method for measuring epitaxial films, **2662**
Tang, C. L., long-duration radar echoes of ionized trails in upper atmosphere, **3377**
Tani, K., resistance minimum in dilute paramagnetic alloys, **1592**
Taniguchi, S., *with N. Yamamoto,* weak-field behaviour of ΔE effect in ferromagnetic alloys, **3868**
Tank, F., technique of radio astronomy, **3357**
Tanner, W. P., Jr, signal detectability and psychophysics, **387**
Tao, K., *and others,* long-distance ionospheric propagation on v.h.f., **320**
Taranenko, Z. I., corrugated bent waveguide as delay system, **1373**
Taranto, E., fast binary counter, **3683**
Tardif, L., *with others,* zig-zag oscilloscope presentation for μsec time intervals, **1963**
Targ, R., *and L. P. Levine,* backward-wave microwave oscillations in electron-beam/plasma system, **2540**
Tarnóczy, T., *T. Járfás and M. Lukács,* subjective investigations of reverberation time, **1714**
Tartakovskii, B. D., sound field in focal plane of converging spherical beams, **1709**
Tartakovskii, L. B., *with V. L. Tandit,* radiation of reflector aerial in shadow region, **3644**
Tasaki, A., *with others,* residual magnetization at low-temperature transition in αFe_2O_3, **1939**
Tassinario, G., *with others,* volume density of reflection points of meteor trails, **3379**

Tatsumoto, E., *K. Kuwahara and M. Goto*, magneto-resistance effect in magnetization reversal of permalloy films, **2713**
Taub, D. M., storage time of transistor with decaying turn-off current, **3188**
Tauc, J., *and E. Antončík*, optical observation of spin-orbit interaction in Ge, **240**
Tavernier, J., *with L. Godefroy*, magnetoelectric and thermomagnetoelectric effects in semiconductors, **2660**
Taylor, A. D., *with R. D. Middlebrook*, low-drift differential amplifier, **3691**
Taylor, B. N., *with others*, superconductors as quantum detectors for microwave radiation, **1965**
Taylor, C. B., multipurpose computer element, **1423**
Taylor, C. R., *with R. J. Zollweg*, temperature-dependent Bi-Cs photosurfaces, **3800**
Taylor, D. D., *with W. D. Wilson*, sound velocity measurements in liquids, **9**
Taylor, G. N., total electron content of ionosphere during magnetic disturbance, **1515**
— *with others*, determination of solar parallax by radar echoes, **2567**
Taylor, G. N. S., remote presentation of radar information, **2230**
Taylor, H. A., Jr, *and H. C. Brinton*, atmospheric ion composition, **4127**
Taylor, J. B., diffusion of plasma across magnetic field, **2156**
Taylor, J. E., variable-conductance sampling switch, **3657**
Taylor, P. F., *and C. Wood*, thermoelectric properties of Ag_2Te, **1579**
Taylor, R. E., *with L. Thomas*, E_s phenomena associated with nuclear explosions, **2970**
Taylor, T. T., polarizability of short right circular conduc ng cylinder, electric, **488**, magnetic, **1794**
Taylor, W. C., interference effects due to ionized layer around re-entry vehicle, **4286**
Teale, R. W., *with R. F. Pearson*, magnetic resonance in $Yb_3Fe_5O_{12}$, **653**
Teaney, D. T., *with A. J. George*, transistorized lock-in for klystron a.f.c., **746**
Tebble, R. S., *and D. E. G. Williams*, conference on aspects of magnetism, **114**
Tegel, O., *with J. Goeldner*, FM 120/2200: stand-by circuit, **3150**
Teig, M., *with others*, magnetic associative memory, **3258**
Teitler, S., *and E. D. Palik*, Voigt effect in semi-conductors, **1236**
— *and R. F. Wallis*, semiconductor statistics, **1226**
— *with others*, infrared cyclotron resonance in InSb, **3058**
Tennery, V. J., *and R. L. Cook*, rare-earth-doped $BaTiO_3$, **3811**
— *and R. G. West*, thermally variable bead resistor, **3652**
Tenney, H. D., *with others*, cross-relaxation and concentration effects in ruby, **2727**
Tenzer, L., *with T. Riste*, temperature variation of spontaneous sublattice magnetization of ferrites, **3484**
Tepley, L. R., sferics from intracloud lightning strokes, **1522**; observations of hydromagnetic emissions, **3414**
Terada, M., *with others*, r.f. focusing of electron stream, (D)**2426**
Teramoto, I., *and S. Takayanagi*, electronic properties and chemical bonding of $Sb_2Bi_{2-x}Te_{3-y}Se_y$, **3468**
Terashima, Y., solar modulation of primary cosmic rays, **851**
Terhune, R. W., *with others*, low-noise X-band radiometer, **2364**; mechanisms of double resonance in solids, **3348**
Terman, L. M., spectral response of solar-cell structures, **3155**
Tetenbaum, S. J., *F. A. Olson and A. Savarin*, L-band travelling-wave parametric amplifier, **3308**
Thaler, H. J., *with U. L. Rohde*, tunnel diodes in pulse techniques, **3570**
Thaler, S., *and S. A. Meltzer*, amplitude distribution of noise after post-detection filtering, **1625**
— *with S. A. Meltzer*, detection range predictions for pulse Doppler radar, **3796**
Thatte, R. P., h.f. oscillator stabilization by pulse techniques, **2505**
Thaxter, J. B., *and J. McGowan, III*, 100–200-kMc/s water calorimeter, **3513**
Thayer, G. D., formula for radio ray refraction in exponential atmosphere, **2343**
— *with others*, predicting atmospheric bending of radio rays, **319**
Theile, R., television camera techniques, **3167**
Theisen, J. F., *and E. E. Gossard*, free-balloon-borne refractometer, **2334**
Thetford, A., *with O. Klemperer*, transmission of slow electrons through thin films, **821**
Thiede, H., optimum frequency in underwater sonar systems, **4150**
Thiel, H., *with W. Mühling*, real structure of CdS single crystals, **4161**
Thiess, G. H., magnetically tunable microwave frequency meter, **4260**
Thiessen, K., recombination of charge carriers in semiconductors, **2256**
Thiessen, P., height gain of receiving aerials in band IV, **415**
Thilo, P., circle-diagram recorder, **3511**
Thöm, K., television switching centre, **352**
Thomas, D. G., *and J. J. Hopfield*, observation of exciton motion in CdS, **905**
— *with J. J. Hopfield*, exciton spectrum of CdS, **3000**
Thomas, D. R. W., probabilities of interference with mobile field radio, **3140**
Thomas, E., improved decision technique for frequency-shift systems, **1027**
Thomas, F. F., 455-Mc/s telemetry ground equipment, **1616**
Thomas, G. M., auroral results from Halley Bay, **569**
Thomas, J. A., back-scatter observations of magnetically controlled ionization, **3914**
— *with others*, field-aligned ionospheric irregularities and scintillation of satellite radio transmissions, **1162**
Thomas, J. E., Jr, *with R. C. Frank*, Ge crystals grown from hollow seeds, **244**; diffusion of H_2 in Ge, **1228**
Thomas, L., ionospheric absorption, automatic method for measurement of, **187**, changes in winter anomaly in, **2976**
— *and R. E. Taylor*, E_s phenomena associated with nuclear explosions, **2970**
Thomas, M. J. B., *and E. J. Zdanuk*, CdS sintered layers, **2236**
Thompson, P. O., *J. C. Webster and R. S. Gales*, liveness effects on intelligibility of noise-masked speech, **3224**
Thomson, J., *with others*, simultaneous observations of 1958 $\delta 2$, **3756**
Thomson, J. H., *and others*, determination of solar parallax by radar echoes, **2567**
Thornton, W. A., d.c. electroluminescence at low voltages, **3005**
Thorp, J. S., *with others*, spin-lattice relaxation times, in ruby, **992**, in sapphire and rutile, **1594**
Thrasher, D. B., *with P. A. Macpherson*, high-frequency calibration of crystal microphone, **13**
Thurmond, C. D., *with W. Kaiser*, solubility of O_2 in Ge, **1570**
— *with others*, donor equilibria in Ge-O_2 system, **1229**, **2285**
Thust, P., *with J. Deutsch*, wide-band absorbers for e.m. waves, **121**
Thuy, H. J., thermal problems in transistors, **3574**
Tiersten, M., acoustic-mode scattering of holes, **3451**
Tigler, H., analogy of transistor and triode, **1343**
Tiller, W. A., *with others*, structural study of $AgSbTe_2$, **955**; effect of freezing on thermo-electric properties of $BiSbTe_3$, **2702**
Tillman, J. D., *with others*, theory of single-ring antenna array, **3641**
Titheridge, J. E., analysis of $h'(f)$ records, for night-time, **1845**, new method for, **2964**
Titley, C. O., *with others*, analogue telemetry equipment and systems, **1617**
Titova, A. G., growing single crystals of $Y_3Fe_5O_{12}$, **2318**
Tkalich, V. S., *with A. G. Sitenko*, Cherenkov effect for charge above interface, **501**
Tobies, S., *with others*, band IV/V television transmitters, **1660**
Todd, A. C., *R. P. Schuck and H. M. Sachs*, voltage-variable capacitors in modulator design, **1453**
Todd, C. D., measurement of tunnel-diode negative resistance, **2406**
Todd, J., computational problems concerning Hilbert matrix, **4244**
Todero, F., *with G. D'Auria*, linear short and thin aerials with variation in current distribution, **3252**
Tokunaga, M., *and K. Shono*, forward characteristics of Si *p-π-n* junctions, **3836**
Tol, M. van. See van Tol, M.
Tolbert, C. W., *and A. W. Straiton*, atmospheric absorption of mm radio waves, **1978**
— *with A. W. Straiton*, moon reflection studies with bistatic radar, **1150**
— *with others*, absorption of gases in 100–117-Gc/s range, **1813**
Tolstoy, I., *with M. A. Biot*, formalism applied to Sturm-Liouville equation, **286**
Toman, K., minimum range to earth satellites, **2193**; Doppler effect and inertial systems, **2581**
Tomita, S., heat-treatment effects on permalloys, **3075**
Tomiyasu, K., drift-tunnel oscillations in klystrons, **3586**
Tomkins, F. C., *with M. J. Bennett*, interaction of O_2 with evaporated Ge films, **2284**
Tomono, M., Ge *p-n* junction, characteristics of, **729**, viewing imperfections in, **1916**; regrowth of Ge crystal from In melt, **3037**, **4190**
Tonakanov, O. S., *with G. E. Smirnov*, fluctuations of underwater acoustic signals reflected from rough sea surface, **3606**
Toraldo di Francia, G., angular momentum in waveguide, **1403**
— *with A. M. Scheggi*, microwave lens for rapid scanning, **2858**
— *with others*, synthesis of radiation patterns at finite distances, **3251**; gain limit and tolerances of big reflector antennas, **4013**
Toth, R. S., *R. Kilkson and D. Trivich*, electrical conductivity of single-crystal Cu_2O, **3054**
Tou, J. T., design of discrete-data control systems, **4262**
Toussaint, H. N., *with others*, Ge tunnel diodes for h.f. range, **1665**
Townes, C. H., sensitivity of microwave spectrometer using maser techniques, **519**
— *with R. N. Schwartz*, interplanetary communication by optical maser, **2377**
Townsend, P., *and J. Sutton*, study of superconducting Nb, **4202**
Toxen, A. M., lattice thermal conductivity of Ge-Si crystals, **3050**; size effects in superconducting In films, **3865**
Toyozawa, Y., fluctuation of coulomb energy in impurity conduction, **99**; electron-phonon interaction in impurity conduction, **223**
Trambarulo, R. F., Esaki-diode amplifiers, **812**
— *and C. A. Burrus*, Esaki-diode oscillators, **359**
— *with C. A. Burrus*, mm-wave Esaki diode amplifier, **3186**
Tredgold, R. H., *with A. Branwood*, conductivity of $BaTiO_3$, **219**
— *with C. Rhys-Roberts*, theory of space-charge-limited currents, **490**
Tremblay, R., microwave phase shifter with dielectric prisms, **2848**
— *with A. Boivin*, microwave interferometer, **3114**
Trentini, G. V., plane aerial with periodically bent conductor, **2096**
Tresise, H. C., *with others*, binary-to-decimal converter, **49**
Tretter, J., long-term behaviour of materials and components, **4243**
Treves, D., limitations of magneto-optic Kerr technique, **2309**
Trimmer, J. D., *with V. Arunasalam*, pulse conduction in decaying plasma, **2151**
Trinchieri, M., ladder networks with Tchebycheff function, **71**
Trivelpiece, A. W., *A. Ignatius and P. C. Holscher*, backward waves in magnetized ferrite rods, **1729**
Trivich, D., *with others*, electrical conductivity of single-crystal Cu_2O, **3054**
Trofimenko, A. P., *G. A. Fedorus and A. K. Razmadze*, thermally induced conductivity in CdS, **1192**
— *with others*, thermally stimulated conductivity in semiconductors, **2648**
Tröim, J., *with J. Frihagen*, scintillation of signals transmitted from earth satellites, **1835**
— *with L. Harang*, studies of auroral echoes, **1175**, **2983**
— *with others*, simultaneous observations of 1958 $\delta 2$, **3756**
Troitskaya, V. A., pulsation of earth's e.m. field, **1501**
Troncoso, O., *with others*, cosmic-ray phenomena during solar disturbances, **3370**
Troup, G. J., optimum line width for reflection cavity maser, **804**
Truell, R., *with H. D. Nine*, photosensitive-ultrasonic properties of CdS, **4164**
Trumbore, F. A., *and E. M. Porbansky*, solvent evaporation technique for Ge Esaki diodes, **951**
— *with others*, electron mobilities and tunnelling currents in Si, **1558**
Trzeba, E., electromechanical filters, **2122**, coupling-type, **2497**, insertion loss of, **4033**
Tschopp, P. A., *and A. H. Frei*, determination of magnetic fields, **264**
Tsuchiya, S., Smith-diagram display unit, **4256**
Tsui, J. B. Y., *with others*, mm-wave field-displacement isolators, **2463**; two-wire mm-wave surface transmission, **2845**; resonance of Ba ferrite at mm λ, **4229**
Tsukernik, V. M., *with M. I. Kaganov*, non-resonance absorption in ferromagnetic dielectric, **1583**
Tsuneto, T., ultrasonic attenuation in superconductors, **2065**
Tszyun'tin, Lin'. See Lin' Tszyun'tin.
Tterlikkis, L., *and A. W. Jenkins, Jr*, magnetization of Ni single crystals, **3873**
Tubota, H., *H. Suzuki and K. Hirakawa*, mechanism of conduction in CdSe, **2621**; electrical properties of ZnTe, **3850**
Tucker, D. G., elimination of even-order modulation in rectifier modulators, **2142**; constant-resistance modulators, **3318**; improved direct-ivity using synchronous demodulation, **3991**
Tucker, E. B., attenuation of ultrasonic vibrations by spin-phonon coupling in ruby, **1952**; amplification of 9·3-Gc/s ultrasonic pulses by maser action in ruby, **3494**
— *with N. S. Shiren*, interaction of microwave ultrasonics with spins, **1951**
Tucker, M. J., electronic techniques in oceanography, **1281**; frequency control of rotary convertor, **2379**
— *and A. R. Stubbs*, echo-ranger for fishery and geological investigations, **1968**
Tufte, O. N., *and A. W. Ewald*, magnetoresistance of oriented gray tin single crystals, **3858**
Tufts, C., *with others*, Ge films on Ge by thermal evaporation, **3459**
Tuhl, R., *with F. Klíma*, radio links at cm λ, **1308**
Tun, Chen. See Chen Tun.
Tunstall, D. P., *with E. R. Andrew*, spin-lattice relaxation in crystals, **3888**
Turk, W. E., *with E. D. Hendry*, improved image orthicon, **1657**
Turner, R. B., *with others*, component variation for gradual transition between impedances, **454**
Turner, W. J., *A. S. Fischler and W. E. Reese*, properties of II-V semiconductors, **2259**
Turov, E. A., *and A. I. Mitsek*, temperature dependence of ferromagnetic anisotropy, **974**
Tusting, W., bootstrap amplifier, **799**
Tuzhilkin, Yu. I., *with S. G. Gershman*, transverse correlation coefficient of acoustic signal in sea, **3231**
Tveten, L. H., ionospheric motions observed with back-scatter sounders, **2212**; long-distance one-hop F, propagation, **3526**
Twiddy, N. D., *with R. L. F. Boyd*, electron energy distributions in plasmas, **493**
Tyas, J. P. I., *with others*, cosmic noise measurements from 1960 η1, **2566**
Tyutekin, V. V., diffraction of sound waves at cylindrical cavity in elastic medium, **1705**

Uchida, H., *with others*, antenna constructed by parallel wires, **3632**
Uchida, I., *and K. Satake*, impedance changes induced by light in ZnS, **3002**
Uchikura, K., *with others*, effect of E_s on v.h.f. pulse propagation, **3920**
Uchiyama, Y., influence of interelectronic collisions on Hall mobility, **1895**
Uda, H., *with others*, effect of polarization on attenuation of rain at mm λ, **3909**
Uda, S., microwave propagation just beyond horizon in torrid zone, **681**
Udalov, S., *with C. K. Friend*, stabilized delay circuit, **2511**
Udal'tsov, V. A., *with others*, radio astronomy observations of second space rocket, **164**
Ueda, H., resistivity striations in Ge, **2276**

Ueda, L., *with others*, optical absorption and conductivity of $BaTiO_3$, **3011**
Uehara, Y., *and others*, Pb- and Mn-activated Ca-Cd silicate phosphors, **3804**
Uenohara, M., *and H. Seidel*, project Echo up-converter for satellite-tracking radar, **3701**
— *with K. Kurokawa*, minimum noise figure of variable-capacitance amplifier, **2903**
Ufel'man, A. F., filter synthesis by Zolotarëv fractions, **2116**
Ugai, Ya. A., *and T. N. Vigutova*, new intermetallic semiconductor compound, **2286**
Uhl, K., filter system, **4029**
Ulbrich, E., *and H. Piloty*, design of all-pass, low-pass and band-pass filters, **2877**
Ullman, F. G., electroluminescence of GaP, **1886**
— *and J. J. Dropkin*, infrared enhancement and quenching of photoconduction in ZnS-Cu, **3472**
Ulwick, J. C., *with others*, results of direct probing in ionosphere, **2594**
Umeda, J., properties of Sb-doped SnSe, **2295**
Umlauft, G., ionospheric absorption from pulse amplitude observations, **4130**
— *with H. Schwentek*, absorption coefficients of ionosphere, **4117**
Unangst, D., magnetic domain structure of thin Fe films, **4218**
Unbehauen, R., second-order two-pole functions, **2112**
— *and H. J. Hoffman*, reflection of e.m. waves at plane metal surface, **3341**
Unger, H. G., helix waveguide, noncylindrical, **1411**, normal modes and mode conversion in, **1412**, winding tolerances in, **2082**; mode conversion in metallic and helix waveguide, **2081**
Uno, M., varistor network controls voltage-tuned oscillator, **3672**
Unotoro, T., matching between travelling-wave-tube helix and waveguide, **2427**
Unz, H., group refractive index for case of no collisions, **1988**; solution of $h'(f)$ integral equation, **2966**; vertical drift velocities in F_2 layer, **3397**
Uphoff, H. L., *and J. H. Healey*, semiconducting properties of inorganic amorphous materials, **3021**
Ur, H., tunnel-diode binary counter circuit, **2889**
Ura, K., *with others*, r.f. focusing of electron stream, (D)**2426**
Urbarz, H., tunable cavities as waveguide filters, **2462**
Utlaut, W. F., effect of radiation angles on h.f. radio signals, **2348**
— *with R. M. Gallet*, laminar nature of exosphere in guided-wave propagation, **3405**
Utsunomiya, T., *and S. Yuan*, high-efficiency variable-reactance frequency multiplier, **2510**
Uyeda, H., *Y. Saburi and H. Iwasaki*, effect of solar activity on earth's rotation, **159**
Uzan, R., *with G. Mesnard*, temperature variations of oxide cathodes, **1358**
Uzsoky, M., *with I. Vágó*, admittance of disk-seal triodes, **4358**

Vacca, R., new storage systems, **1090**
Vágó, I., *and M. Uzsoky*, admittance of disk-seal triodes, **4358**
Vaidya, N. C., *with A. Singh*, experimental inverted magnetron, **1376**
— *with others*, resonator and output couplers for inverted magnetron, **1377**
Vainshtein, L. A., current waves in thin cylindrical conductor, **3634**, **3635**
Vakulov, P. V., *with others*, radiation measurements of third space rocket, **2947**
Valdorf, H., *and R. Klinger*, highly stable short-wave exciter stage, **3175**
Valkó, I. P., semiconductor noise, **3966**
Vallat, D., *with H. Constans*, stabilized supply unit for photomultipliers, **3154**
Valster, F., high-speed scanning radar aerial, **2099**
van Abbe, H. H., *and G. C. van Slagmaat*, distortion of transistorized amplifiers, **2893**
— *and others*, parasitic oscillations in a.m. receivers, **1629**
Van Allen, J. A., *and W. C. Lin*, outer radiation belt and solar proton observations with Explorer VII, **153**
— *with others*, correlation of auroral arc and outer-zone radiation, **157**
van Bastelaer, P., *with others*, ring modulators, **1115**
van Berĝeijk, W. A., *with others*, monaural temporal masking, **1060**
Van Bladel, J., eigenvectors for volumes of revolution, **500**
Vancour, R. P., *with others*, results of direct probing in ionosphere, **2594**
van den Burg, F. A. W., capacitive screens in rectangular waveguides, **410**
van der Does de Bye, J. A. W., decay times of excess carriers in semiconductors, **928**
van der Maesen, F., injected holes and electrons in semiconductors, **1549**
— *with others*, preparation and properties of SnS crystals, **964**
van der Pauw, L. J., analysis of circuit for measuring resistivity and Hall constant, **997**
Vanderslice, T. A., *with J. M. Lafferty*, electronics and vacuum technology, **3420**
van der Ziel, A., noise measure of distributed negative-conductance amplifiers, **3305**, of lossy tunnel-diode amplifier stages, **3316**
— *with R. C. Schwantes*, flicker noise, secondary-emission, **2822**, in triodes with positive grid, **8232**, in pentodes, **2824**
van Dijkum, A. N., *with others*, parasitic oscillations in a.m. receivers, **1629**
van Es, C. W., *M. Gevers and F. C. de Ronde*, waveguides for 2-mm microwaves, **2841**
Van Gelder, A., Jr, tracking and display of earth satellites, (D)**3798**
van Gool, W., *and A. P. Cleiren*, fluorescence of ZnS, **910**
— *A. P. Cleiren and H. J. M. Heijligers*, fluorescence of activated ZnS phosphors, **909**
van Houten, S., semiconduction in $Li_zNi_{1-x}O$, **1807**
van Hurck, N., *with others*, 75-cm receiver for radio astronomy, **1816**
Van Kampen, N. G., nonlinear thermal fluctuations in diode, **1742**; power series expansion of master equation, **4245**
van Ladesteyn, D., *with F. Bruin*, influence of modulation on recording of resonance phenomena, **837**
van Leeuwen, F. J., damping of eigentones in small rooms, **2070**
Van Roosbroeck, W., carrier transport with space charge in semiconductors, **3821**
Van Sabben, D., ionospheric current systems of solar-flare effects, **4124**
van Santen, J. G., *with G. Diemer*, power amplifiers based on electro-optical effect, **1113**
van Slagmaat, G. C., *with H. H. van Abbe*, distortion of transistorized amplifiers, **2893**
van Tol, M., *with others*, automatic dew-point hygrometer, **2333**
Van Uitert, L. G., *and L. Egerton*, Bi titanate ferroelectric, **3010**
— *with others*, r.f. technique for pulling oxide crystals, **3087**
Van Vliet, K. M., *with others*, carrier density fluctuations, **1892**
van Vroonhoven, J. L. J., *and A. M. Muhlbaum*, electronic digital voltmeters, **1003**
van Vucht, J. H. N., ternary system Th-Ce-Al, **4160**
van Wijngaarden, L., *with L. A. Pelatier*, couette flow of fully ionized gas, **2912**
Van Zandt, T. E., *and K. L. Bowles*, use of incoherent-scatter technique for ionospheric temperatures, **176**
— *with D. C. Hunt*, photoionization heating in F region, **3394**
Vasilevskaya, V. N., *with others*, formation of dislocations in Ge, **1917**
Vassy, E., measurement of ionospheric absorption, **2600**; radio navigation and teleguidance, **2610**
— *with others*, simultaneous observations of 1958 $\delta 2$, **3756**
Vaughan-Williams, R. W., *and F. A. Haas*, error in thermal conductivity for fully ionized gas, **1789**
Vautier, R., *and A. J. Berteaud*, absorption curve of pure and substituted Y garnet, **988**; apparent and intrinsic permeability at cm λ, **1586**
Vavilov, V. S., infrared absorption by free charge carriers in Si, **1914**
— *and others*, effect of fast-electron bombardment on Si, **3031**
Vedam, K., *Y. Okaya and R. Pepinsky*, structure of ferroelectric $LiH_3(SeO_3)_2$, **217**
Veith, F. S., tubes for bright radar displays, **2054**
Veith, H., effect of humidity on characteristics of capacitors, **2864** *c*
Veith, W., mm-wave generation and amplification, **3279**
Vejvodová, J., magnetic focusing of electron beam, **2818**
Veloric, H. S., *and W. J. Greig*, diffused impurity layers in Ge, **1221**
Vendrik, A. J. H., *with R. R. Vierhout*, quick method for transistor amplifier circuits, **2891**
Venkatesan, D., *with others*, intensity variations in outer Van Allen belt, **4089**
Venkateswaran, S. V., *J. G. Moore and A. K. Krueger*, determination of ozone distribution by satellite photometry, **3386**
Venzke, G., sound-scattering properties of segments, **2454**
Ver, I., acoustic delay line, **2444**
Verderber, R. R., *and B. M. Kostyk*, magnetic characteristics of Ni-Fe films, **2711**
Vergara, W. C., *and J. L. Levatich*, technique for F-layer scatter propagation, **325**
Verhoeff, W. J., *with others*, Elbe-Weser shore-based radar system, **1530**
Verniani, F., meteor ablation in atmosphere, **3746**
Vernov, S. N., *and A. E. Chudakov*, investigation of cosmic radiation by rocket and satellite, **1498**
— *and others*, radiation measurements of third space rocket, **2947**
Verstrepen, J. W., semiconducting properties of selenides and tellurides of Ge and Sn, **2659**
Vestine, E. H., geomagnetism in relation to aeronomy, **4100**
— *and J. W. Kern*, midnight auroral maximum, **2216**
— *with J. W. Kern*, theory of auroral morphology, **2215**
Vetter, A. F., *with others*, electron radiation damage in unipolar transistor devices, **4347**
Vial, H., *with W. Döring*, ferromagnetic resonance in metals, **265**
Vick, G. L., *and L. E. Hollander*, ultrasonic measurement of elastic moduli of rutile, **254**
Vickery, R. C., *and H. M. Muir*, anomalous thermoelectric properties of GdSe, **2301**
Vierhout, R. R., *and A. J. H. Vendrik*, quick method for transistor amplifier circuits, **2891**
Viglin, A. S., anisotropy constants of ferromagnetic cubic crystals, **1938**
Vigutova, T. N., *with Ya. A. Ugai*, new intermetallic semiconductor compound, **2286**
Vij, K. K., *with others*, drift in ionosphere over Delhi, **870**
Vik, R. C., *with others*, drift frequencies for geomagnetically trapped particles, **1497**
Villalaz, C., results of life tests on transistors, **4345**
Villard, O. G., Jr, *with R. C. Fenwick*, frequency variation of WWV-20 signal, **686**
— *with others*, characteristics of signal from 1958 $\delta 2$, **864**
Villars, C. P., hyperbolic binary encoders, **2005**
Vincent, C. H., theory of negative-feedback voltage amplifiers, **3294**
Vincent, V., radio supervision, **2769**
Vinetskii, R. M., *and E. G. Miselyuk*, determination of impurity concentration in Ge, **2676**
Vinogradova, M. N., *and others*, mechanism of carrier scattering in Ge, **3032**
Visme, G. de. See de Visme, G.
Visvanathan, S., free-carrier absorption, due to polar modes in compound semiconductors, **925**, from impurities in semiconductors, **926**
Vitkevich, V. V., *and others*, radio astronomy observations of second space rocket, **164**
Vlaardingerbroek, M. T., properties of microwave triodes, **1682**
Vodakov, Yu. A., *and others*, surface layers on CdTe, **2623**; *p-n*-junction CdTe photocells, **2815**, **2816**
Vodicka, V. W., *and R. Juleg*, parametric amplification in transistors, (D) **3970**
— *with R. Zuleg*, parametric amplification properties in transistors, **369**
Vogan, E. L., *and T. R. Hartz*, ionospheric absorption on 12th November 1960, **4122**
Voge, J., role of small layers in formation of E_s, **2956**; theories of tropospheric propagation beyond horizon, **3125**
— *with others*, propagation in heterogeneous medium, **3129**
Vogel, S., *and M. J. O. Strutt*, life measurements on l.f. transistors, **1344**; transistor amplifier stages, distortion and interference effects in, **2516**, low-frequency mixing in, **2892**
Vogel, S., *with others*, reverberation chamber for e.m. waves, **2325**
Vogler, G., measurement of internal demagnetization factor, **4207**; change in length of ferromagnetic mixtures, **4213**
Vogler, L. E., smooth-earth diffraction calculations for horizontal polarization, **4274**
— *with others*, determination of ray bending in exponential atmosphere, **2342**
Vogt, K., *with others*, correlation measurements on frequency diversity, **4284**
Vogt, O., *with G. Busch*, conductivity and Hall effect of Ge-Si alloys, **1922**; magnetic susceptibility of Ge-Si crystals, **3049**
Vogt, R., *with P. Meyer*, electrons in primary cosmic radiation, **1827**
Voigt, F., magnetic spectrum of Ni-Zn ferrites with perminvar loop, **4233**
Vojtášek, S., *and K. Janáč*, qualitative investigation of oscillator, **461**
Vokes, J. C., *and C. P. Lea-Wilson*, instability effects in c.w. klystrons, **376**
Volkenshtein, N. V., *and G. V. Fedorov*, temperature dependence of Hall effect in pure ferromagnetics, **1285**
Volland, H., comparison between mode theory and ray theory of v.l.f. propagation, **3916**
Völz, H., accuracy in magnetic tape recording, **336**
von Ardenne, M., *and G. Böhme*, communications from planetary systems, **4311**
Von Aulock, W. H., properties of phased arrays, **48**
von Guttenberg, W., *and H. Hochrath*, compandor for broadcast transmission, **719**
von Rautenfeld, F., *with W. Freutel*, protection ratio between two a.m. channels, **2764**
von Weiss, A., Gauss' principle of least constraint, **1455**
von Willisen, F. K., *with M. J. O. Strutt*, frequency dependence of Gauss effect, **3829**
Voorhaar, F., *with G. Schaffner*, nondegenerate S-band parametric amplifier, **2137**
Voronoff, G. N., hybrid H-guide feeds flush-mounted antennas, **2855**
Vorrath, H., *with others*, wireless studio control equipment, **1632**
Vrambout, R., *and L. De Greve*, magnetic anisotropy in evaporated iron films, **3077**
Vroonhoven, J. L. J. van. See van Vroonhoven, J. L. J.
Vucht, J. H. N. van. See van Vucht, J. H. N.
Vul, B. M., *and E. I. Zavaritskaya*, capacitance of *p-n* junctions at low temperatures, **1336**
— *E. I. Zavaritskaya and L. V. Keldysh*, impurity conductivity of Ge at low temperature, **941**

Wachtel, A., CaS: Cu, Eu phosphors, **915**; (Zn,Hg)S and (Zn,Cd,Hg)S phosphors, **1196**
Wachter, P., excitation of ZnO by slow electrons, **3006**
Wacker, A. G., *with N. F. Moody*, broad-band tunnel-diode amplifier, **2141**
Wada, J. Y., *with R. C. Knechtli*, generation and measurement of quiescent plasmas, **2152**
Wada, M., *T. Takahashi and M. Hagino*, properties of Sb-Cs and Sb(Mg)-Cs films, **2811**
— *T. Takahashi and T. Seki*, photoconductive properties of PbO, **587**
Wade, G., low-noise amplifiers, **2515**
— *with R. Adler*, noise in quadrupole amplifiers, **2425**
— *with H. Heffner*, noise figure and gain of parametric converters, **1111**
Wadie, R. H., *M. T. Stockford and M. Hutchinson*, phase modulation of t.w. tubes, **754**
Wagner, C. A., *with M. Balser*, earth-ionosphere cavity resonances, **688**
Wagner, P. E., *with others*, electron spin-lattice relaxation in $K_3Cr(CN)_6$, **280**
Wagner, R., angle dependence of anisotropy in Ni-Fe ferrite, **4231**
Wagner, W. G., *and G. Birnbaum*, theory of quantum oscillators in multimode cavity, **3734**
Wahl, C., *with others*, production of magnetic fields by superconducting solenoid, **1795**
Wahsweiler, H. G., wide-band omnidirectional aerials, **2467**

Wait, J. R., mode theory of v.l.f. propagation, **1991**; e.m. fields of H dipole in thin plasma sheet, **2159**; propagation of e.m. waves along plasma sheet, **2352**; propagation of e.m. pulses in conducting earth, **2755**; phase velocity of v.l.f. waves, **3134**; diffraction theory for l.f. sky-wave propagation **3529**; e.m. fields of horizontal dipole in conducting half-space, **3636**; boundary-value problems involving plasma media, **4068**; possibility of rejecting certain v.l.f. modes, **4280**; theory of mixed-path ground-wave propagation, **4281**

— *and A. M. Conda,* resonance excitation of corrugated-cylinder antenna, **419**

— *and K. P. Spies,* phase velocity of v.l.f. radio waves, **2338**

Wakiyama, T., *and S. Chikazumi,* magnetostriction and crystal anisotropy of Ni alloys, **1582**

Waku, S., *K. Masuno and T. Tanaka,* ferroelectricity in potassium ferrocyanide group, **2637**

— *and others,* ferroelectricity in potassium ferrocyanide group, **591**

Wakuta, Y., *with others,* ion optics in multistage accelerator tubes, **2752**

Waldmeier, M., radio astronomy, **3358**

Waldorf, D. L., *with G. A. Alers,* variation of elastic moduli at superconducting transition, **3473**

Waldron, R. A., cylindrical waveguides containing gyromagnetic media, **24**; perturbation theory of resonant cavities, **450**; theory of waveguides and cavities, **1404, 1723, 2079**

— *with P. J. B. Clarricoats,* nonperiodic slow-wave and backward-wave structures, **33**

Walker, A. P., engineering performance of six stereo systems, **1030**

Walker, D. M. C., *with D. G. King-Hele,* atmospheric densities at 180–700 km, **4107**; density of upper atmosphere determined from satellite orbits, **3387**

Walker, J., *with T. Dobrowolski,* time analyser, **662**

Walker, L. R., *with others,* adiabatic demagnetization and specific heat in ferrimagnets, **647**

Walker, P. A., low-temperature properties of Bi_2Te_3, **255**

Walklate, J. R. *with others,* broad-band telecommunication system, **4294**

Wallace, J. D., transmission-line model, **3620**

— *and E. W. McMorrow,* sonar transducer pulse calibration system, **2064**

Walling, J. C., *with others,* cross-relaxation phenomena in solid-state masers, **1450**

Wallis, R. F., *with E. D. Palik,* infrared cyclotron resonance in InAs and InP, **3852**

— *with S. Teitler,* semiconductor statistics, **1226**

— *with others,* infrared cyclotron resonance in InSb, **3058**

Wallmark, J. T., *with others,* binary full adder uses unipolar transistors, **1424**

Walt, M., *and W. M. MacDonald,* energy spectrum of electrons trapped in geomagnetic field, **3744**

Walter, F. J.. *J. W. T. Dabbs and L. D. Roberts,* Ge surface-barrier counters, **315**

Walter, W., interference suppression of ignition systems, **1627**

Walters, T. T., *with D. J. McLauchlan,* equipment for processing time-multiplex telemetry data, **2754**

— *with N. Purnell,* equipment for processing time-multiplex data, **2336**

Walther, K., reverberation chamber for acoustic and e.m. waves, **1715**

Wang, F. F. Y., *K. Ishii and J. B. Y. Tsui,* resonance of Ba ferrite at mmλ, **4229**

— *with others,* mm-wave field-displacement isolators, **2463**

Wang, S., converter efficiency and power output of tunnel-diode relaxation oscillator, **3545**

— *with J. R. Singer,* general analysis of maser oscillator emission, **2897**; paramagnetic maser oscillator analysis, **3694**

Wangsness, R. K., ferrimagnetic resonance, in three-sublattice systems, **499**, longitudinal, **2172**

Wanselow, R. D., variable-dual-reactance parametric amplifier, **2522**; design relations for resonant-post waveguide filters, **2847**

Wanuga, S., *with H. Hsu,* wide tuning range of backward travelling-wave parametric amplifiers, **3697**

Ward, F., *and R. Shapiro,* influence of sunspots on geomagnetic disturbance, **2191**

Warner, A. W., ultraprecise 2·5-Mc/s quartz crystal units, **61**

Warner, B. D., *with others,* radar terrain return, **1180**

Warner, R. M., Jr, *with H. A. Stone, Jr,* field-effect tetrode, **3577**

Warren, K. G., Barkhausen noise in transformer cores, **1426**

Warthman, K. L., project Echo boresight cameras, **3938**

Warwick, J. W., Jupiter's radio emission, **1146**

— *with W. R. Steiger,* cosmic radio noise at 18 Mc/s, **1491**

Washburn, C. A., *with others,* high-resolution television system, **1653**

Wasilik, J. H., *with R. A. Parker,* dielectric constant and dielectric loss of TiO_2, **1543**

Wasner, M., *with others,* automatic evaluation equipment, **2446**

Watanabe, N., TE_{11}-mod · cavity including sem : conductor, **1102**

— *with others,* oscillatory magnetoresistance in *n*-type PbTe, **2694**

Watanabe, S., *with H. Shibata,* variation of f_0E and index of solar activity, **2207**

Watanabe, T., transverse waves in ionized gas, **3713**

Waterman, A. T., Jr, antenna beam configurations in scatter communications, **4009**

Waters, W. E., electron sheet beam focusing, **750**

Watkins, C. D., height and geometry of auroral radio echoes, **199**; variation of radio star scintillations and auroral radio echoes, **846**; variations of auroral radio-echo activity, **1858**; auroral radio echoes and magnetic disturbances, **1859**

Watkins, D. A., *with T. S. Maclean,* space harmonics in helical antenna operation, **41**

Watkins, G. D., *and J. W. Corbett,* defects in irradiated Si, **2671**

— *with others,* defects in irradiated Si, **2672**

Watkins, T. B., *with B. K. Ridley,* possibility of negative-resistance effects in semiconductors, **4177**

Watkinson, A., *with others,* interferometer for measurement of radio-source sizes, **1817**

Watrous, W. W., *and J. McArtney,* gas clipper tubes for radar service, **1694**

Watson, K. M., *with others,* drift frequencies for geomagnetically trapped particles, **1497**

Watson, R. B., *with C. L. Rogers,* pulse determination of sound absorption coefficients, **1395**

Watson, R. E., *with A. J. Freeman,* contribution of Fermi contact term to magnetic field at nucleus, **973**

Watson, S. N., cablefilm equipment, **709**

— *with others,* survey of B.B.C. experimental colour transmissions, **1649**

Watt, A. D., e.l.f. electric fields from thunderstorms, **195**

Watt-Carter, D. E., reflectometers, **2742**

— *and R. L. Corke,* effect of external conditions on phase of radio signals, **4327**

Weaver, J. T., *and R. Skinner,* ionospheric currents associated with aurorae, **1174**

Weaver, L. E., new video measurement techniques, **3166**

Webb, A., *with others,* capillary alloying, **3890**

Webb, E. L. R., equivalent circuits for thermoelectric converter, **2750**

— *and J. K. Pulfer,* low-impedance thermoelectric device, **2781**

— *with D. W. R. McKinley,* reduction of meteor velocities from c.w. records, **3747**

Weber, E., potential distribution above serrated cathode, **2040**

Weber, E. H., *with others,* spectral distribution of photoconductivity in CdS, **1190, 1875**

Weber, H., propagation coefficient of linear quadripole, **1745**; FM120/2200: equipment for diversity reception, **3150**

— *with others,* magnetic deflection of electron beams in thin Fe films, **3078**

Weber, H. J., *and M. Weiss,* analysing stepper servo motors, **335**

Weber, J. H., traffic efficiencies in congested bands, (D)**692**

Weber, K. H. R., non-ideal gyrators, **2491**

Weber, R., *with others,* galvanomagnetic properties of Te-doped InSb, **1241**

Webster, J., *with B. Donovan,* Faraday effect in nondegenerate semiconductors, **3826**

Webster, J. C., *with others,* liveness effects on intelligibility of noise-masked speech, **3224**

Webster, P. A., long-distance communication via moon, **4297**

Webster, W. M., *with others,* transistor internal parameters, **2415**

Weeks, R. F., optical measurement of ultrasonic fields, **3613**

Weglein, R. D., *and S. Sensiper,* capacitance coefficients for varactor diodes, **2408**

— *with K. P. Grabowski,* coupled-cavity travelling-wave parametric amplifiers, **807**

Wehrig, H., inhomogeneous delay lines of periodic structure, **757**

Wei, L. Y., diffusion of Ag, Co and Fe in Ge, **2279**

Wei, W. F., *with W. F. Love,* longitudinal magnetoresistance in Ge, **3845**

Weibel, G. E., sub-mm wave generation, **1754**

Weil, H., *with others,* scattering by spherical satellite, **328**

Weingarten, I. R., *and M. Rothberg,* r.f. carrier and capacitive coupling procedures for measurements on Si, **3449**

Weinreb, S., digital radiometer, **3115**

Weinreich, G., *with others,* generation of optical harmonics, **4075**

Weinreich, O., *G. Dermit and C. Tufts,* Ge films on Ge by thermal evaporation, **3459**

Weinzweig, A. I., Kron method of tearing, **289**

Weiser, K., solubility of interstitial impurities in Ge and Si, **1907**

— *with M. Glicksman,* properties of *p*-type InP, **4194**

Weiss, A. A., southern-hemisphere meteor shower activity, **852**; meteor height distributions, **853**; distribution of meteor masses for sporadic meteors and three showers, **3374**

— *and J. W. Smith,* southern hemisphere survey of sporadic meteors, **158**

Weiss, A. von. See von Weiss, A.

Weiss, G. P., *with others,* oblique-incidence anisotropy in evaporated permalloy films, **638**

Weiss, H., *with others,* galvanomagnetic properties of Te-doped InSb, **1241**

Weiss, M., *with H. J. Weber,* analysing stepper servo motors, **335**

Weiss, M. T., *with others,* suppression of subsidiary absorption in ferrites by modulation techniques, **1949**

Weissberg, E., backfire antenna, **424**

Weissler, G. L., *with others,* optical constants of Ge, **3452**

Weisz, R. S., square-loop ferrites with temperature-independent properties, **3487**

Weitsch, W., *with H. Mahl,* small-angle diffraction with electron beams, **1283**

Welch, P. D., power spectrum estimation, **3505**

Welland, K., electronic reversal of colour negatives, **3165**

Wells, H. W., *with A. C. B. Lovell,* spectrum of Cygnus and Cassiopeia below 30 Mc/s, **133**

Welsby, V. G., two-element aerial array, **2094**; multiplicative receiving arrays, **3615**

Wendel, G., field enhancement in ZnS.CdS-Mn phosphors, **2629**

— *with others,* field enhancement of ZnS.CdS-Mn phosphors, **3004**

Wendt, K., location tests for intensity-type stereophony, **10**; transmission of 'room information', **2448**

Wentzel, D. G., hydromagnetic waves and trapped radiation, **1829**

Wenz, G. M., ambient noise levels in ocean, **2068**

Wenzel, K., *with W. Held,* skin effect in tubes and coaxial lines, **16**

Werner, P. H., *and E. Kohler,* properties of modern magnetic tape, **1719**

Wernick, J. H., *and R. Wolfe,* semiconducting compound $AgFeTe_2$, **2686**

— *with others,* anomalous Hall effect in $AgSbTe_2$, **956**; superconductivity in Nb_3Sn, **1934**; ferromagnetism in dilute solutions of Co in Pd, **3479**

Werthamer, N. R., *with H. Suhl,* random phase approximations in many-body problem, **2928**

Wessels, J. H., magnetic-wheel store for recording television signals, **3159**

West, J. L., *with others,* digital techniques in l.f. spectrum analysis, **998**

West, R. G., *with V. J. Tennery,* thermally variable bead resistor, **3652**

Westerhout, G., *with others,* principal plane of galaxy, **847**

Weston, D. F., underwater explosions as acoustic sources, **382**; horizontal refraction in stratified medium, **3604**

Weston, M. A., wide-band voltage-controlled oscillator, **1105**

Weston, V. H., near-zone back-scattering from large spheres, **2922**

— *with others,* surface roughness of spheres, **834**

Wetzel, L., wave interaction in plasma inhomogeneities, **1983**; electric-field-induced anisotropies in plasma, **4066**

Wey, E., requirements for f.m. v.h.f. receiver, **2362**

Whalen, R. M., *with others,* 0·7-μs ferrite-core memory, **4019**

Wheatley, J. C., *with G. L. Salinger,* susceptibility of materials in cryogenic apparatus, **4242**

Wheeldon, A. J., *with J. V. Beard,* alternative h.f. telegraph systems, **1026**, (D)**2367**

Wheeler, H. A., radiation from underground antenna, **1730**; radio-wave propagation in earth's crust, **2376**

— *with D. S. Lerner,* measurement of bandwidth of microwave resonator, **453**

Whetstone, A. L., *and S. Kounosu,* one-tunnel-diode binary, (D)**4041**

White, D. E., *with others,* microwave propagation through magnetoplasma, **2339**

White, D. F., *with M. V. Callendar,* emission of X rays from television receivers, **3170**

White, F. A., *J. C. Sheffield and J. C. Davis,* improved electron multiplier, **4269**

White, G. M., *with C. V. Jakowatz,* self-adaptive filter for signal in noise, **1999**

White, W. D., *with J. C. Greene,* radar sensitivity with degenerate parametric amplifier, **2228**

Whitehead, J. D., E_s in temperate zones, **179, 1511**; focusing of radio waves reflected from rough curved ionosphere, **1984**

— *with L. H. Heisler,* F-region travelling disturbances and E_s ionization, **177**; velocities of disturbances in F region, **3396**

Whitfield, G. D., electron-phonon interactions, **2146**

Whitfield, G. R., survey of radio stars at 38 Mc/s, **1145**

Whitford, B. G., *with J. K. Pulfer,* generating nsec pulses at X band, **2508**

Whitham, K., *E. I. Loomer and E. R. Niblett,* distribution of magnetic activity in Canada, **1156**

Whitlow, L., v.l.f. function generator, **786**

Whitmer, R. F., *and E. B. Barrett,* nonlinear interaction of e.m. wave with plasma layer, **2167**

Whitmore, D. H., *with E. H. Greener,* nonohmic behaviour in near-stoichiometric TiO_2, **3859**

Whitney, C. A., atmospheric density from satellite observations, **4158**

Whitney, H. E., *and others,* amplitude variations of Sputnik III signals, **1161**

— *with others,* simultaneous observations of 1958 δ2, **3756**

Whittle, L. S., *with D. W. Robinson,* loudness of directional sound, **1713**

Whitworth, W. C., plate-voltage control of phantastron frequency, **1758**

Whymark, R. R., magnetostrictive materials for generating intense sound, **3609**

Whythe, D. J., *with others,* use of high-gain television transmitting aerial, **1074**

Wich, H., *with others,* s.w. receiving equipment, **4289**

Wichman, W. J., *and M. M. Birnbaum,* servo system for balloon-borne telescopes, **4312**

Wieczorek, G., *with H. Keller,* Si four-layer diode, **4337**

Wieder, H. H., *and D. A. Collins,* Kerr effect and polarization reversal in Rochelle salt, **1201**

Wieder, I., *and L. R. Sarles,* optical emission from Cr^{+++} in Al_2O_3, **1810**

Wiener, P., *with others,* power supply for Tiros I, **2780**

Wiese, J. R., *with L. C. Bennett,* effects of doping on thermoelectric properties of $Bi_2Te_{3-x}Se_{x-y}$, **2701**

Wigan, E. R., measurement of complex voltage ratio, **304**; new distortion criterion, **2069**

Wiggins, C. S., *with G. F. Alfrey,* carrier concentration and hole mobility in *p*-type GaP, **958**

Wijn, H. W. de. See de Wijn, H. W.

Wijngaarden, L. van. See van Wijngaarden, L.

Wilby, W. P. L., *with others,* self-optimizing nonlinear filter, predictor and simulator, **3260**

Wilcox, J. B., *and E. Maple,* a.f. fluctuations in geomagnetic field, **541**

Wilcox, L. R., *with others,* microwave modulation of light in paramagnetic crystals, **1469**

Wild, J. P., circular aerial arrays for radio astronomy, **3638**

Wilds, C. F., core size of pulse transformers, **4022**
Wiley, W. C., *with G. W. Goodrich,* resistance-strip magnetic electron multiplier, **4270**
Wilhelm, K., proposal for stereophonic broadcasts, **4310**
Wilhelmsen, C. R., *with R. La Rosa,* shot-noise smoothing in Esaki diode, **728**
Wilkins, A. F., h.f. propagation, **1287**
Wilkins, B. R., symbolic logic, **3891**
Wilkins, F. J., *with S. Harkness,* a.f. amplifier for voltage measurement, **3100**
Wilkinson, R. G., *with R. Hamer,* variable group-delay equalizers, **3666**
Willard, H. R., two-hop 18·6-kc/s whistler-mode echoes, **3528**
Williams, A. J., *with others,* properties of magnetic superconductors, **634**
Williams, A. J., III, *with W. E. Danforth,* thermionic properties of ZrC and UC, **3478**
Williams, D. E. G., *with R. S. Tebble,* conference on aspects of magnetism, **114**
Williams, G. W., ultrasonic water delay line, **86**
Williams, H. J., *with others,* magnetic moment of transition metal atoms in dilute solution, **1244**; ferromagnetism in Sc-In solid solutions, **3871**
Williams, I., *with others,* Si power rectifiers, **4315**
Williams, J. E. D., application of Doppler to air navigation, **2611** *c*
Williams, P. J. S., *D. W. Dewhirst, and P. R. R. Leslie,* radio source Hercules-A, **3741**
Williams, W. E., diffraction of plane wave by metallic sheet, **507**; propagation of surface waves along wedges, **2161**; refraction and diffraction of pulses, **2169**
Willis, D. W., *and P. Skinner,* magnetic-tape system design, **1033**
Willis, K. E. V., power supplies for space vehicles, **4314**
Willisen, F. K. von. See von Willisen, F. K.
Willmore, A. P., instrumentation of Scout satellite, **2582**
Willoughby, E. O., triangular 'V' aerial, **40**; launching vertically polarized waves for long-distance propagation, **1733**
Willwacher, E., FM120/2200: radio link system, **3150**
— *with W. Schlotterbeck,* FM120/2200: design of aerial duplexers, **3150**
Wilmshurst, T. H., *with others,* excess noise in microwave mixer crystals, **3563**
Wilson, A. C., high-gain, low side-lobe antenna, **47**
— *with H. V. Cottony,* high-resolution rapid-scan antenna, **1735**
Wilson, B. L. H., *and R. B. Wilson,* shaping of distributed *RC* networks, **3662**
Wilson, E., designing transistorized voltage regulators, **339**
Wilson, J. C., *with others,* broad-band telecommunication systems, **4294**
Wilson, M. H., *and K. W. Brocklebank,* Land's system of two-colour projection, **3553**
Wilson, R. B., *with B. L. H. Wilson,* shaping of distributed *RC* networks, **3662**
Wilson, R. H., *with J. S. Kouvel,* magnetization of Fe-Ni alloys under pressure, **2304**
Wilson, W. B., *with others,* effect of high pressure on electrical properties of metal oxides, **1901**
Wilson, W. D., *and D. D. Taylor,* sound velocity measurements in liquids, **9**
Winckler, J. R., *and P. D. Bhavsar,* solar cosmic rays and geomagnetic storm 12th May 1959, **148**
— *P. D. Bhavsar and L. Peterson,* time variations of solar cosmic rays July 1959, **2568**
— *A. J. Masley and T. C. May,* cosmic-ray flare 4th May 1960, **2569**
— *and others,* delayed propagation of solar cosmic rays, **2942**
— *with others,* cosmic rays and soft radiation 5×10^8 km from earth, **142**
Windel, J., narrow-band waveguide filters, **4001**
Wingerson, R. C., 'corkscrew' device for changing magnetic moment of charged particles, **2927**
Winkler, H., *H. Roppischer and G. Wendel,* field enhancement of ZnS.CdS-Mn phosphors, **3004**
Winkler, M. R., *with others,* long-range clock synchronization experiment, **3093**
Winkler, S. H., *I. Stein and P. Wiener,* power supply for Tiros I, **2780**
Winogradoff, N. N., photoconductivity of CdS near absorption edge, **2242**
Winstel, G., tunnel-diode characteristic, **4329**
— *and W. Heywang,* band structure of strongly doped semiconductors, **4201**
Wintle, H. J., effect of attenuation on acoustic resonance of gases, **770**
Withers, W. C. R., fast start/stop machine for magnetic tape, **1034**
Witting, J. M., *with E. F. Carome,* ultrasonic attenuation in cylindrical and rectangular waveguides, **1702**
Wittry, D. B., *with J. O. McCaldin* Ge saturated with GaSb, **1569**
Wohlfarth, E. P., anhysteretic remanence of recording tapes, **655**
Wohlleben, D., *with others,* antiparallel Weiss domains as biprisms, **2307**; electron-optical investigations of Weiss domains in Fe films, **2313**
Wolf, A. A., Taylor-Cauchy and Laurent-Cauchy transforms, (**D**)**1266**
— *with Y. H. Ku,* Laurent-Cauchy transforms, (**D**)**994**
Wolf, P., magnetization oscillations in thin permalloy films, **2712**
Wolf, W., fluctuations of synchronism in magnetic-tape recorder, **1400**; filtering in electroacoustic drive systems, **3993**
Wolf, W. P., ferrimagnetic resonance of Eu-Fe garnet, **1587**; ferromagnetic alignment by antiferromagnetic exchange interaction in Nd garnet, **2720**
Wolfe, J. J., *with R. Bawer,* printed-circuit balun, **399**
Wolfe, R., *J. H. Wernick and S. E. Haszko,* anomalous Hall effect in $AgSbTe_2$, **956**
— *with J. H. Wernick,* semiconducting compound $AgFeTe_2$, **2686**
Wolfendale, E., alloy-diffused transistors, **1673**
Wolff, P. A., spin susceptibility of electron gas, **1138**; optical radiation from breakdown avalanches in Ge, **1565**
— *with others,* effect of Landau levels on tunnel currents in InSb, **1239**; ferromagnetism in dilute solutions of Co in Pd, **3479**
Wolfram, R. T., improved communications using ground-scatter propagation, **697**
Wolfstirn, K. B., mobilities in Si from radiochemical and conductivity measurements, **1559**
Wolk, B., shot-noise techniques for study of emission, **2423**
Wolkstein, H. J., grid-controlled guns for pulsed travelling-wave tubes, **1687**
Womack, C. P., *with E. D. Long,* designing tunnel-diode r.f. amplifiers, **1783**
Wong, M. Y., *G. D. Sims and I. M. Stephenson,* operation of backward-wave oscillator, **1374**
Wood, C., *V. Harrap and W. M. Kane,* degeneracy in Ag_2Te, **2687**
— *with W. M. Kane,* conduction in Ag_2Te films, **2688**
— *with P. F. Taylor,* thermoelectric properties of Ag_2Te, **1579**
Wood, D. L., *with others,* splitting of emission lines of ruby by electric field, **3495**; fluorescence and optical maser effects in $CaF_2:Sm^{++}$, **4078**
Woodcock, R., *with others,* self-optimizing nonlinear filter, predictor and simulator, **3260**
Woods, D., equivalent source e.m.f. in signal-generator calibration, **1272**; coaxial connector system for precision r.f. measuring instruments, **2737**; coaxial-line measurements up to 4 Gc/s, **4253**
Woodson, W. L., beacon radar identifies aircraft, **1869**
Woodward, J. G., *and E. Della Torre,* particle interaction in magnetic recording tapes, **1590**
Woolley, J. C., *and J. A. Evans,* temperature variation of optical energy gap in GaSb-InSb alloys, **4193**
— *and C. M. Gillett,* electrical properties of GaSb-InSb alloys, **1928**
— *and B. Ray,* solid solution of Ga_2Te_3 with $A^{II}B^{VI}$ tellurides, **1234**
— *C. M. Gillett and J. A. Evans,* properties of $InSb\text{-}In_2Te_3$ alloys, **1242**; properties of GaAs-InAs alloys, **1927**
— *B. R. Pamplin and J. A. Evans,* properties of $InAs\text{-}In_2Te_3$ alloys, **3462**
Worlton, D. C., confirmation of Lamb waves at megacycle frequencies, **3213**
Wörner, H., *with K. Rihaczek,* signal distortion in high-frequency cables, **3996**
Woschni, E. G., oscillator circuits with variable parameters, **2126**
Woyk (Chvojková), E., bifurcation and irregularities of F_2 layer, **876**
Wright, J. W., models of ionosphere above $h_{max}F_2$, **191** *c*; electron-density profiles for ionosphere, **552**
— *and R. E. McDuffie,* height of maximum electron density of F_2 layer, (**D**)**874**
— *with J. K. Olesen,* relation of low-height ionosonde echoes to auroral-zone absorption and v.h.f. D scatter, **2598**
Wright, M. D., identification of atmospheric waves with ionospheric storms, **2962**
Wright, P. G., *with J. S. Bell,* stabilized voltage supplies using transistors, **1036**; design of Butterworth filters, **1435**; design of d.c. converters, **2382**
Wright, R. W. H., *with others,* equatorial spread F, belt of, **879**, at Ibadan, **2960**
Wrigley, C., *with J. Lindmayer,* emitter diffusion capacitance of drift transistors, **368**; parametric amplification in transistors, (**D**)**3970**
Wu, T. T., *with H. J. Schmitt,* e.m. reflection from sound waves, **1387**
Wulf, O. R., *with S. B. Nicholson,* diurnal variation of *K* indices, on quiet days, **2576**, in 1940–1948, **4104**
Wulff, H., *with others,* equipment for generating strong magnetic fields, **2544**
Wunsch, G., relation between Hilbert transformation and harmonic analysis, **59**; analysis of all-pass networks, **66**; present state of network synthesis, **448**; Küpfmüller's transient formula, **455**; calculation of transfer function, **2114**; Heaviside's operational calculus, **2728**
Wüsthoff, P., *with K. Fischer,* radio receiving station of German meteorological service, **696**
Wyller, A. A., *with H. K. Sen,* generalization of Appleton-Hartree magneto-ionic formulas, **1296**
Wyrick, R. F., *with others,* Faraday-rotation effect on incoherent back-scatter observations, **3138**
Wysocki, J. J., thermal conversion in *n*-type GaAs, **252**; effect of series resistance on photovoltaic solar energy conversion, **2782**
— *with J. J. Loferski,* spectral response of photovoltaic cells, **2813**

Yafet, Y., *with R. Bowers,* susceptibility of *p*-type Ge, **948**
Yahia, J., *and H. P. R. Frederikse,* conduction in *p*-type Ti_2O_3, **4200**
Yajima, T., *and K. Shimoda,* three-level gas maser as microwave spectrometer, **2548**
Yakovlev, V. A., infrared absorption by electrons in Si, **3027**
Yakumenko, I. P., *with others,* slow surface waves for measurement of dielectric constants at u.h.f., **666**
Yamada, S., properties of *p*-type CdTe, **1537**
Yamagata, K., magneto-plasma resonance in semiconductors, (**D**)**1903**; measurement of Hall coefficient at microwave frequencies, **1960**
— *and T. Fukuroi,* measurement of Hall mobility at microwave frequency, **1961**
Yamaguchi, J., *and others,* diffusion coefficient of B in Si, **939**
Yamaguchi, K., *with K. Noda,* dielectric-coated waveguide construction and characteristics, **2465**
Yamamoto, M., *and H. Maeda,* simultaneity of geomagnetic sudden impulses, **1833**
— *with H. Maeda,* enhancement of geomagnetic sudden impulses, **860**
Yamamoto, N., *and S. Taniguchi,* weak-field behaviour of ΔE effect in ferromagnetic alloys, **3868**
Yamamoto, Y., helix-type variable capacitor, **1428**
Yamanouchi, H., *with others,* ferromagnetic resonance absorption of Ni films, **4224**
Yamaoka, M., relations between f_0E_s and field intensity, **2349**
— *with others,* long-distance ionospheric propagation on v.h.f., **320**
Yamashita, H., *and others,* electroluminescence of CdS, **1885**
— *with others,* anomalous photovoltaic effect of CdS, **1876**
Yamashita, J., electron-electron interaction in hot-electron problems, **1919**; low-temperature electrical breakdown in Ge, **4191**
Yamashita, T., *with others,* enhancement of photoconductivity in CdS, **2619**
Yamato, J., *and Y. Suzuki,* core matrix driver with magnetic amplifiers, **2871**
Yanagi, T., *with others,* properties of Ti sesquioxides, **1576**
Yanai, H., *with T. Sugano,* effects of surface recombination on current amplification factor, **366**
Yang, A. C., *and F. D. Shepherd,* *n*- and *p*-type Bi_2Te_3, **3469**
— *with F. D. Shepherd,* nonsymmetrically doped tunnel diodes, **4334**
Yang, K. S., *with G. Swarup,* monitoring paraboloidal reflector antennas, **428**
Yariv, A., *and J. S. Cook,* noise investigation of tunnel-diode microwave amplifiers, **2413**
Yarv, E. A., *with Z. I. Alferov,* breakdown of Si diodes, **2405**
Yasuda, J., *and H. Suguchi,* measurement of ionospheric absorption during I.G.Y., **2211**
Yasuhara, M., *and H. Maeda,* geomagnetic crochet, 15th November 1960, **3380**
Yatsuk, K. P., *with V. P. Shestopalov,* slow surface waves for measurement of dielectric constants at u.h.f., **665**
— *with others,* slow surface waves for measurement of dielectric constants at u.h.f., **666**
Yeh, K. C., *and V. H. Gonzalez,* geometry of earth magnetic field, **540**
— *and G. W. Swensen, Jr,* field strength near skip distance, **1837**; ionospheric electron content from satellite observations, **2595**
Yeh, L. P., moon or satellite relays for global communications, **2369**
Yin, H. B., *with J. B. Schultz,* negative-resistance amplifiers, **725**
Yonemitsu, H., *H. Maeda and H. Miyazawa,* sign reversal of Hall coefficients at low temperatures in compensated Ge, **2683**
Yonezawa, T., *and H. Takahashi,* electron and ion density distributions of F region, **872**
Yoshida, A., *with others,* vertical-incidence Doppler ionogram, **1851**
Yoshida, I., thermal conduction in ferroelectric ceramics, **1887**
Yoshizawa, M., *with others,* electroluminescence of CdS, **1885**
Youla, D. C., scattering matrices normalized to complex port numbers, **3270**
— *with H. J. Carlin,* network synthesis with negative resistors, **2501**
— *with L. I. Smilen,* stability criteria for tunnel diodes, **3566**
Young, A. P., *W. B. Wilson and C. M. Schwartz,* effect of high pressure on electrical properties of metal oxides, **1901**
Young, A. S., *with others,* spectral response limit of PbTe and PbSe photocells, **1352**
Young, C. E., extended curves of semiconductor potentials, **2261**
Young, F. J., *and J. Hohmann,* characteristics of ridge waveguides, **1068**
— *with A. V. J. Martin,* calculations on lines with continuously variable impedance, **1066**
— *with others,* infinite tapered-plane transmission line, **2456**
Young, J. M., *with others,* measurement of temperature of upper atmosphere, **171**
Young, R. E., analogue telemetry equipment, **1284**
Young, W. H., variational approach to correlation in electron gas, **2929**
Yuan, S., *with T. Utsunomiya,* high-efficiency variable-reactance frequency multiplier, **2510**
Yurkov, B. Ya., *with others,* effect of fast-electron bombardment on Si, **3031**

Zacaroli, A. R., *with others,* grown *p-n* junctions of InSb, **2293**
Zagoradnov, O. G., *Ya. B. Fainberg and A. M. Egorov,* reflection of e.m. waves from moving plasma, **1132**
Zaitseva, M. A., *with others,* magnetic properties of Gd oxides, **987**
Zakarov, A. L., instability effects in negative-mass amplifier, **1114**
Zakharov, L. N., propagation of sound in water layer with agitated surface, **3605**
Zakrewski, J. T., *with D. H. Mehrtens,* d.c. stabilization of transistor circuits, **365**
Zanki, G., *with C. Schwink,* remanence of stretched polycrystalline Ni wires, **636**
Zarembo, L. K., wave-front determination for sawtooth sound wave, **1698**
— *and V. V. Shklovskaya-Kordi,* propagation velocity of finite-amplitude ultrasonic wave in liquid, **1703**

Zavaritskaya, É. I., *with B. M. Vul*, capacitance of *p-n* junctions at low temperatures, **1336**
— *with others*, impurity conductivity of Ge at low temperature, **941**
Zaveta, K., measurements of galvanomagnetic properties of ferrites, **2717**
Zdanuk, E. J., *with M. J. B. Thomas*, CdS sintered layers, **2236**
Zehler, V., rotational hysteresis, **4210**
Zeidlits, P. M., *with others*, efficiency of helix waveguide, **28**
Zeiger, H. J., *with others*, cyclotron resonance in InSb at high magnetic fields, **3059**
Zemanian, A. H., energy relations for *RC* networks, **2490**
Zernyatko, V. G., *and D. N. Chetaev*, input impedance of current loop, **117**
Zetterstrom, R. B., *with others*, pressure dependence of ZnO resistivity, **621**
Zetzmann, H. J., electrical measurement of altitude, **578, 1526**
Zharkov, G. F., intermediate state ferromagnetic superconductors, **977**
Zhelnov, B. L., emergence into vacuum of Cherenkov radiation, **3721**
Zheludev, I. S., *with others*, transitional conduction processes in ferroelectric materials, **2638**
Zhilinskiĭ, A. P., *with others*, cm-wave propagation through plasma-filled waveguide, **3624, 3625**
Zholkevich, G. A., properties of ZnSe and ZnTe, **1187**
Zhongolovich, I. D., earth satellites and geodesy, **2583**
Zhukov, V. F., *with I. D. Kirvalidze*, effect of heat treatment on Si, **2669**
Ziauddin, S., pulsations in geomagnetic field and in ionospheric absorption, **2206**; estimating ionospheric heights from recovery times, **4121**
— *and P. A. Forsyth*, three-frequency measurements of auroral absorption, **4146**
Ziegler, G., dislocation-free Si single crystals, **3833**
Ziegler, R., Swiss program transmission network, **2778**
Ziehm, G., e.m. wave reception in sea-water, **1863**
Ziel, A. van der. See van der Ziel, A.
Zimmerer, R. W., *and M. Mizushima*, precise measurement of microwave absorption and velocity of light, **1814**
Zimmermann, K., *with others*, change of CdS crystal structure due to evaporation, **2238**
Zinke, O., *with W. Stöhr*, optimum wide-band omnidirectional radiator, **37**
Zito, G., microwave generator for Cs standard, **1757**
Zitron, N. R., shielding of transient e.m. signals by thin conducting sheet, **118**
Zobnina, B. N., *and L. D. Dudkin*, thermoelectric properties of $CoSb_3$ with impurities, **2300**
Zollweg, R. J., *and M. Gottlieb*, oscillations and saturation-current measurements in thermionic conversion cells, **3122**
— *and C. R. Taylor*, temperature-dependent Bi-Cs photosurfaces, **3800**
Zotova, N. V., *with others*, magnetothermal effects in InAs, **2291**
Zschörner, H., *with H. K. Paetzold*, variable conditions of exosphere, **3776**
Zubenko, Yu. V., *A. K. Klimin and I. L. Sokol'skaya*, *I/V* characteristics of autoelectron current from semiconductors, **2296**
Zucker, H., parametric-amplifier analysis, **1774**
Zuhlke, E., calibration method for frame aerials, **422**
Zuleeg, R., *and V. W. Voiscka*, parametric amplification properties in transistors, **369**
— *with V. W. Vodicka*, parametric amplification in transistors, **(D)3970**
zum Bruch, J., *with others*, field enhancement and quenching of cathodoluminescence, **4166**
Zverev, V. A., *and A. I. Kalachev*, application of f.m. in acoustic measurements, **1710**
Zwicker, E., method for loudness calculation, **1391**; subdivision of a.f. range into critical bands, **1712**

SUBJECT INDEX

Absorption, (See also Ionosphere; Resonance; Wave propagation, e.m.)
acoustic, component variation for gradual transition in impedance matching system, **454**
influence of edges of porous materials for, **1386**
influence of reverberation-chamber dimensions on measurements of, **3990**
pulse method for determination of, **1395**
of e.m. waves, in magnetoactive plasma outside resonance region, **1476**
microwave, in gases, **1813**
in O_2, **1814**
resonance-type structure with reduced reflection for cm λ, **2545**
sheet absorbers for u.h.f., **831**
wide-band absorbers for m λ, **121**
ultrasonic, in metals, in magnetic field, **768, 1056**
theory of, **1707**
in molten salts, **385**
Acoustics, (See also Absorption; Diffraction; Scattering; Sound; Ultrasonics)
architectural, damping of eigentones by Helmholtz resonators, **2070**
effectiveness of open screens in, **3228**
field conditions in studios and reproduction rooms, **2834**
resonator panel design, **1394**
studios and review rooms, constructions for, **3229**
critical bands in a.f. spectrum, **1712**
distortion criterion based on audience reaction, **2069**
forces on system of diffracting strips, **384**
measurement of diffusion in rooms by directional microphone, **1716**
measurements in, anechoic chamber for, **393**
B.R.F., **2453**
N.R.C. Canada, **3614**
c.w. f.m. technique for, **1710**
cylindrical-wave reciprocity parameter for calibration, **2832**
level-distribution meter for audibility assessments in, **3226**
narrow-band f.m. noise technique for, **8**
resonance frequency of gases in tubes, effect of attenuation on, **770**
reverberation chambers for, **1393, 2325**
properties of scattering elements on walls of, **2454**
upper limits for, **1715**
reverberation time in, subjective assessment of, **1714**
source field near velocity discontinuity, **381**
transmission systems for, stepped, synthesis of, **2439**
volume reverberation as first-order scattering phenomenon, **2442**
Aerials, (See also Lenses, microwave)
aperture-type, circular, Fresnel-region fields in, **2097**
using elliptic waveguide, for circularly polarized field, **2473**
spherical-dish, 1000-ft, line feed system for, **3647**
transient behaviour of, **2098**
arrays, beam-scanning, mutual-impedance effects in, **1080**
broadside, v.h.f., with electronic scanning, **1735**
circular, theory of, **3641**
correlation-type, resolution of, **3642**
dipole, log-periodic, **1077**
equivalence between continuous and discrete types, **2093**
linear, with attenuated side lobes, **1734**
beam pointing errors of, **1081**
method of analysis, **1076**
measurements on, digital system for, **39**
using metal-disk delay dielectrics, **429**
periodic-structure, backward-wave radiation from, **2470**
phased, properties of, **48**
plane, with periodically bent reflector, **2096**
radiation patterns of, analogue computer for determining, **2095**
Aerials, arrays, receiving, synchronous demodulation technique for, **3991**
hybrid *H*-mode waveguide feed for, **2855**
slot, mutual coupling effects in, **1079**
square-mirror, reflection characteristics of, **46**
'super-gain', **4010**
Van Atta, for earth-satellite relay, **3149**
2-element multiplication system, **2094**
beam configurations for scatter communications, **4009**
biconical, lens-compensated, **2476**
breakdown at high altitude, **418**
broadcasting, helicopter measurements in Austria on, **2089**
m.f., fish-belly-type, **3248**
calibration of, h.f. spectrum generator for, **1002**
by solar noise, **781, 897, 898**
camera attachments for position recording in project Echo, **3938**
corrugated-cylinder, resonance excitation of, **419**
cylindrical, theory of, **34**
solution of Fredholm's integral equations in, **35**
transient radiation field of, **780**
transient response with step-function excitation, **417**
d.f., Adcock, theory of, **42**
100–2400-Mc/s, conical **2857**
dielectric lenses and reflectors for, spherical-layer, calculation method for, **3253**
dipole, horizontal, in conducting half-space, **3636**
transient radiation over dielectric surface, **1072**
impedance with exponentially varying excitation, **1731**
mounted on cylinders, horizontal radiation patterns of, **2471**
vertical, with parallel parasitic element, directivity calculations, **2474**
pulse radiation from, **1073**
directional, field-pattern measurements using aircraft, **2469**
earth-satellite, reconnaissance-type, **3637**
endfire, using helix around 2-wire line, **1421**
microwave, **2852**
feeders for, dm-λ, **1422**
waveguide-type, frequency-sweep method of fault location in, **2478**
ferrite-rod, nondirectional, for a.m. reception, **3249**
helical, screened, for paraboloidal reflectors in 800-Mc/s range, **784**
space harmonics in operation of, **41**
horn-parabola, wide-band matching of, **44**
horn-reflector, project Echo, **3646**
horn-type, as gain standards, **2856**
phase-centre determination for, **3643**
impedance measurement in ionosphere, **1419**
ionization probe based on admittance measurements, **4134**
leaky-waveguide, coupled, parallel-slit, **1082**
linear, short, effect of top loading on, **3252**
load specifications for masts, **2850**
loft, attenuation effect of tiled roof on, **4005**
long-wire, for meteor-burst communication system, **2472**
loop, calibration method for, **422**
measurement technique using models, **414**
monopole, with circular-disk earth system, impedance determination, **2090**
narrow-beam, maximum-gain calculations for, **3640**
nonresonant, end-fed, **783**
parallel-wire, theory of, **3632**
partially polarized waves from, theoretical techniques for, **4003**
polarization orientation determination using analogue techniques, **416**
polarization rotation technique for rocket investigations of ionosphere, **2851**
radar, scanning-type, high-speed, Luneberg-lens, **2099**
for radar reception, with electronic scanning, **2614**
radiation-pattern synthesis method for, **3251**
for radio astronomy, circular arrays, **3638**
using combined d.f. systems, **1818**
Aerials, for radio astronomy, crossed-grating interferometer, **1078**
interferometer-type, **1817**
Malvern, 45-ft, **1084**
receiving, band IV, height gain of, **415**
communal, **413**
low-noise, **1420**
s.w., design of wire-grid earth plates for, **3254**
v.h.f. interference-suppression screening of, **3531**
v.l.f., **2765**
reflector-type, corner, with beam slewing, **47**
as deflector for radio links, **1736**
diffraction-type, **1083**
gain limit and tolerances for, **4013**
parabolic, with axial excitation, analysis of, **426**
beam deviation factor of, **1085**
diffraction field of, **3645**
with helix exciters, **427**
monitoring method for surface distortions, **428**
for radio links at 4 Gc/s, **2475**
periscope-type, for radio links, **45**
phase correction by dielectric coating, **425**
radiation in shadow region of, **3644**
review of, **4002**
rhombic, design data for, **421**
slot, circuit properties of, **423**
omnidirectional, K-band, using horns and radial probes, **4012**
slot, slotted-sphere, performance in plasma sheath, **43**
spiral, **1070**
two-wire, Archimedean, **1071**
steering system for project Echo, **3937**
stub matching of, *p-i-n* diode switch for, **2477**
superimposition principle in design of, **4004**
surface-type, plane, field theory and radiation diagrams of, **38**
surface-wave, endfire, **420**
television, receiving, downlead effects, **782**
permissible mismatch in, **3955**
transmitting, dipole arrays for bands IV/V, **2854**
high-gain, for urban area, **1074**
terminology for, **4006**
transmitting, current-wave analysis for, **3634, 3635**
triangular 'V', **40**
underground, radiation efficiency of, **1730**
underwater, depth/attenuation figures for 18·6 kc/s, **36**
vertically polarized, above sea, for long-distance propagation, **1733**
v.l.f., radiation from land strip acting as, **2092**
wide-band, omnidirectional, with cylindrical symmetry, **1418**
design of, **2467**
optimum shape and design of, **37**
Yagi, backfire, **424**
gain and directivity measurements at dm λ, arrangement for, **1075**
Amplification,
microwave, based on reflection of e.m. waves from moving plasma, **1132**
parametric, experimental demonstration of, **1110**
Amplifiers, (See also Circuits; Valves)
a.f., push-pull, single-ended, **2890**
cascaded, noise figure of, **87**
cm- and mm-λ, low-noise, techniques for, **2515**
d.c., logarithmic, double-triode, **798**
for missile environments, **4050**
push-pull circuit for drift compensation in, **3295**
using transistor chopper and transductor, **472**
distributed, Tchebycheff-type, **2134**
with electroluminescent and photoconductive elements, **1113**
feedback, cathode-follower, ultralinear, **470**
grounded-grid, i.f., using ceramic triodes, **1445**
modified analysis of, **3294**
with quasi-constant gain, **469**
for instrumentation with low-level inputs, **3292**
linear, matrix representation of, **3291**
noise measure for, **4051**
magnetic, full-wave, flux resetting characteristics of, **471**

Amplifiers, magnetic, half-wave, with a.c. bias, **800**
self-balancing, for pen recorders, **3297**
using magnetically controlled rectifier with saturable reactor, **3688**
maser, using atomic hydrogen, **474**
coupled-cavity, performance of, **3301**
Cr-doped TiO_2 as material for, **283**
cross-relaxation, **1772, 1773**
ferromagnetic, as pulsed microwave generator, **2518**
field-sweep oscillations in, **3693**
for frequency division, using parametric diodes, **89**
HCN, 88-Gc/s, **2519, 2520**
microwave and optical emission from, analysis of, **2897**
molecular-beam, low-frequency, 'nonadiabatic' characteristics of, **4053**
with reduced beam velocity, **802**
optical, based on point defects in fluorescent solids, **4074**
using CaF_2, **4078**
fibre cavities for, **1486**
using fluorescent solids, **4076**
harmonic generation using quartz, **4075**
infrared source using beats between, **3733**
multimode-cavity theory for, **3734**
observation of forbidden resonances in, **3353**
ruby, **4077,** electric field modulation of, **3735,** pump system for, **2554,** thermal tuning of, **3354**
spatial coherence in output of, **2553**
paramagnetic, oscillation waveform analysis of, **3694**
TiO_2, cross-doping agents for, **2898**
principles and applications of, **2896**
reflection-cavity, optimum line width for transition in, **804**
using synthetic emerald, **4055**
ruby, with off-resonance pumping, **4056**
for 21-cm observations, **2521**
self-oscillator, with liquid flow, effect of detuning, **1449**
solid-state, **803**
cross-relaxation phenomena in, **1450**
travelling-wave, using Cr-doped rutile, **4054**
dual-channel, for project Echo, **3695**
electronically tuned, **805**
for satellite communication sytems, **4057**
stagger-tuned, for increased bandwidth, **3302**
maser and parametric, bibliography of, **88**
microwave, semiconductor, based on carriers with negative-mass, **1771,** instability in, **1114**
using transmission line with emissive electrode, **2899**
mm-wave, techniques for, **3279**
negative-resistance, cascaded, noise temperature of, **3306**
tunnel-diode, **4062**
using crystal diodes, **725**
design theory for, **2895**
distributed, **482**
noise measure for, **3305**
matched, using tunnel diodes, **2527**
noise figure and stability of, **3700**
tunnel-diode, cm-λ, **812**
lossy, noise figure of, **3316**
minimum noise figure of, **3314**
modular construction of, **1783**
v.h.f. f.m. tuner using, **3313**
wide-band, **2141**
using tunnel diode in waveguide slot, **3702**
negative-resistance and parametric, theory of nonreciprocal circuits for, **3698**
parametric, analysis in terms of feedback loops, **90**
backward travelling-wave, increasing tuning range of, **3697**
based on charge storage, **2524**
C-band, nondegenerate, using varactor diodes, **2525**
comparison of performance of, **3696**
degenerate, response of, **91**
sensitivity of, **3304**
diode, theory of, **92**
as u.h.f. preamplifier, **93**
doubly resonant, staggered operation of, **2901**
electron-beam, Adler-type, 200-Mc/s, **1370**
with circular polarization, **744**
coupled-mode theory of, **2047**
coupling between transverse waves for, **3593**
cyclotron-wave, with magnetic pumping, **2048**
energy balance in, **2046**
using e.s. ring structures, **4365**
noise in, **3592**
quadrupolar-field, with d.c. pumping, **377,** interaction in, **3591,** noise in, **2425,** 4-Gc/s, **3199**
space-charge effects on cyclotron waves in, **3204**
travelling-wave analysis of, **3205**
equivalent circuits of nonlinear elements for calculations on, **3303**
for frequency conversion, noise figure and gain of, **1111**
generalized coupler theory for noise transduction in, **3594**
idler noise in, **811**
K-band, using Y-Fe garnet, **2523**
low-frequency, using ferrite cores and magnetic films, **1778**
with low-frequency pumping, **3307**
nonlinear-reactance, **475**
4-frequency, **476**
using nonlinear transmission lines, shock waves in, **477**
nonreciprocal, **2900**
for radio telescopes, **1776**
reactance-diode, u.h.f., signal and noise characteristics of, **3699**
Amplifiers, parametric, reactance-valve, equivalent circuit of, **1779**
saturable-inductance, analysis of, **2902**
S-band, nondegenerate, **2137**
single-diode, degenerate, **2138**
using filter techniques, **2136**
for space-probe tracking, **1777**
theory and properties of varactors for, **1109**
using transistors, **369, 2526,** (D)**3970, 4060**
travelling-wave, coupled-cavity, **806, 807**
difference-equation analysis of, **1774**
effect of upper sidebands on, **1775**
gain saturation in, **4059**
L-band, **3308**
using lossy nonlinear capacitors, **808**
solid-state analogue of, **2904**
with variable dual reactance, **2522**
wide-band, **478, 809**
up-converters, low-frequency, gain optimization of, **810**
for project Echo satellite-tracking radar, **3701**
tunable over 18:1 frequency band, **2513**
varactor-diode, minimum noise figure of, **2903**
standing-wave, **1452**
variable-capacitance, tunable, 480–750-Mc/s, **4058**
using 3-terminal variable-capacitance semiconductor device, **1451**
pulse, logarithmic, Zener-diode, **3686**
μsec, with controlled output, **4049**
noise in, **468**
overshoot and group delay in, approximations for, **2514**
time-function parameters of, **467**
RC-coupled, 'bootstrap', **799**
review of, **2044**
semiconductor-diode, **3315**
stagger-loaded, interstage design for, **3293**
superregenerative, a.g.c. for, **4052**
transistor, a.f., design and thermal stability of, **3689**
average- and spot-noise figures in, **3300**
band-pass, determinant method of analysis of, **2135**
cascode circuit for improving a.g.c. in, **3299**
common-emitter, **3298**
d.c., compensation of voltage drift for, **3690**
differential, for missile telemetry system, **3691**
distortion and interference effects in, **2516**
feedback, analysis of, **1770**
nonlinear effect in, **801,** equation for, **1448,** stability limit of, **1769**
improving gain control of, **2517**
l.f., mixing processes in, theory for, **2892**
narrow-band, **3692**
nonlinear distortion in, **1446, 2893**
with nonlinear feedback, **2894**
RC-coupled, **473**
selective, **1447**
simplified calculation method for, **2891**
valve, with 'dynamic' anode load, **3296**
wide-band, series correction for, **3687**

Analysers,
amplitude, for random a.f. waves, combining digital and analogue techniques, **2332**
frequency, pulse, active filters for, **2882**
spectrum, a.f., with electronic scanning, **2066**
l.f., digital techniques for, **998**
waveform, phase-sensitive, **3113**
probability-distribution, e.s.-storage, **3259**
voltage, bridge method for, **3112**
Antiferromagnetic materials,
α-Fe_2O_3, residual magnetization at low-temperature transition in, **1939**
α-Fe_2O_3 and NiO, anomalous electrical properties of, **1247**
magnetoelectric effect in, **1936**
Astrophysics,
electric charges on stars, **132**
hypothesis for, (D)**1141**
evolution of universe by discharge processes, **1488**
force-free magnetic fields in, **1489**
stability of, **3356**
magnetic structure of galaxy, **2555**
transference of angular momentum in galactic magnetic field, **834**
Atmosphere, (See also Ionosphere; Troposphere)
electric-field measurements by radiosonde up to 30 km, **161**
electric field structure from I.G.Y. data, **160**
outer, parameters of escape layer in, **885**
potential gradient measurements in, field mill for, **672**
refractive index of, microwave refractometer measurements over British Isles, **2980**
vertical gradient in, continuous recordings for, **2979**
upper, airglow excitation by gyro-waves, power requirements for, **4143**
annual density variation of, **3401**
carbon production in, **2954**
charged-particle collision processes in, **3764**
density data 1957–1960 from rocket and satellite observations, **2198**
distribution of ions in e.s. equilibrium in, **3766**
exosphere, density in, **3404**
density variations deduced from satellite observations, **3776**
electron density distribution along line of force in, **1855**
electron density variations deduced from whistlers, **3777**
guided-wave propagation experiment on, **3405**
100–500 km, hydrogen atoms and ions in, **3775**
H_α emissions 9th–16th Nov. 1960, **4142**
Israeli work on, **3765**
Mg and Ca ions in, **2197**
night airglow in, altitudes of, **3778**
emission measurements at Poona, **4141**
night He glow in, rocket experiment on, **3779**
[OI] 5577-Å emission in, **4140**
Atmosphere, upper, sodium-cloud rocket measurements of temperature to 150 km, **2577**
temperature measurement by magnetic mass spectrometer, **171**
temperatures deduced from aurora and airglow spectra, **4144**
thermosphere, structure of, **1164**
tidal winds in, **3767**
Atmospheric electricity,
thunderstorms, Slough data for 5th Sept. 1958, **196**
theories of, criterion for, **2981**
v.l.f. electric fields from, **195**
Atmospherics,
a.f., in auroral zone, **204**
activity investigation technique, **2226**
auroral noise at h.f., **892**
dawn chorus, cyclotron radiation of protons as source of, **889**
hydromagnetic emissions, analysis of geomagnetic pulsations relating to, **3414**
'magnetic flash' signal from nuclear test at Reggane, **1523**
narrow-band, from two local thunderstorms, **2984**
noise level measurements at 0·6–10 kc/s, **3411**
from nuclear explosions, in space, **202**
whistler modes in, **203**
reception of, earth-ionosphere cavity resonances in, **688**
sunrise effects on propagation of, **884**
theory of amplitude distribution of impulsive random noise applied to, **893**
from upper atmosphere, spaced observations at 5 kc/s, **1521**
v.l.f., amplitude distribution of, effect of receiver bandwidth on, **3925**
energy flux from cyclotron radiation model, **2220**
in exosphere, origin of, **2605**
generated in exosphere by Cherenkov effect, **2219**
from intracloud lightning strokes, **1522**
observed and calculated spectra in range 5–33 c/s, **2985**
simultaneous observations at Hobart and Macquarie Island, **2986**
waveforms of, classification of, **2221**
distance determination from, **2222, 2606**
smooth-type, analysis of, **200**
whistlers, annual and diurnal variations in occurrence of, **2224**
correlation with lightning discharges, **1177**
diffuseness in, **3413**
direction of arrival and polarization of, **2607**
dispersion as character figure for, **890**
dispersion related to geomagnetic latitude of source, **3782**
effect of proton gyration on dispersion of, **571**
excited by sound waves, **2608**
guiding effect of magnetic field on, **201, 2223, 3781**
hydrogen ion effect in dispersion of, **2225**
latitude variation of occurrence related to spread-F mechanism, **1171**
multiple-stroke, dispersion of, **2987**
nose-type, method of analysis for, **4149**
occurrence of, **3412**
propagation to polar latitudes, **572**
travelling-wave amplification of, **891**
two-hop 18·6-kc/s echoes received at Seattle, **3528**
Attenuators, (See also Waveguides)
coaxial, microwave, magnetically variable, **2838**
Aurora,
absorption measurements on cosmic noise during, **4146**
and airglow, colour-film observations of, **2982**
antarctic, orientation observations on, **3406**
coruscations of, **1520**
daytime disposition of, **1856**
distribution and variation over British Isles, **566**
dynamo theory of, **888**
E–W drift of, **3407**
geomagnetic events related to, **2217**
geomagnetic time dependence of currents in, **887**
Halley Bay data, **569**
on radio echoes, **570**
on systematic movements, **568**
ionospheric currents associated with, **1174**
midnight maximum in, **2216**
models of ionization of, **3409, 3410**
motions of, related to polar magnetic disturbances, **198**
observations 11th–16th Nov. 1960, **4145**
polaris, neutral-line discharge theory of, **2602**
radio echoes from, **199**
correlation with local *K*-index, **1859**
measurements on, **1175, 2983**
observations during solar event 12th Nov. 1960, **4148**
observations in Terre Adélie, **4147**
observations at 1300 Mc/s, **1176**
origin of, **567**
temporal variations in subauroral latitudes of, **1858**
v.h.f., slant-E_s echo associated with, **1857**
at 106·1 Mc/s following solar event 12th Nov. 1960, **2604**
red arcs related to ionospheric recombination, **2218**
southerly extent of, **2603**
southern-zone observations of, **3780**
spiral patterns in magnetic and ionospheric data on, **565**
theory of morphology of, **2215**
thickness of active curtain of, **3408**
visible, measurement of particles producing, **197**

Batteries. See Power supplies.
Bolometers,
infrared, using Co-Mn oxides, **1964**

Bolometers, for microwave and sub-mm-λ radiation, using superconductors, **1965**
mount efficiency of, measurement technique for, **4261**
transverse-film, for power measurement at 3 cm λ, **1275**
Book notices and reviews,
Atlas of Oblique-Incidence Ionograms, **1861**
Electromagnetic Wave Propagation, **1997**
Physics of the Upper Atmosphere, **894**
Radio Research 1959, **2062**
Radio Research 1960, **4372**
Space Research, **1860**
Breakdown,
microwave, of air, around high-speed vehicle, **102**
in nonuniform fields, **101**
Zener-type, relation to residual resistance, **2148**
Bridges,
conductance, precision, **3904**
for dielectric measurements at 0·008–200 c/s, **2740**
double, controlling effect of resistance in link circuit of, **1004**
impedance, with transformer ratio arm, **4257**
inductance, square-wave, **305**
2-signal, **673**
3-terminal, transformer-ratio-arm, accuracy of, **2739**
Broadcasting,
a.m., interference protection ratios for, **2764**
compandors for, **719**
h.f., back-scatter ionospheric sounding for, **3541**
l.f. station at Motala, **1637**
lightning protection of stations in Norway, **4309**
sound, B.B.C., 1939–1960, **3151**
headquarters installation for overseas and European services, **695**
optimum systems for, **699**
statistical properties of music and speech signals in, **3230**
stereophonic, a.m./f.m. system for, **1311**
using f.m. with a.m. subcarrier, **333**
h.m.d. system for, **3540**
international proposals for, **4310**
N.S.R.C. data on performance of, **1030**
p.a.m. method for, **334, 700**
studio control equipment, a.m. and f.m. radio systems for, **1632**
Swiss telephone-line system for, **2778**
v.h.f., frequency selection for common-aerial working, **1638**

Cables,
coaxial, balun for, continuously variable, high-power, **3619**
coupling for, choke-type, **14**
h.f. properties and pulse distortion of, **773**
loaded with ferrite cores with no air gap, **1720**
matching transformer for, **1064**
measurement of impedance by pulse echo tester, **3106**
measurements up to 4 Gc/s on, precision instruments for, **4253**
noise generation by vibration of, **772**
simulation of free-space properties for propagation problems by, **3620**
skin effect in, **16**
split, as balun, **15**
superconducting, with nsec response, **395**
supporting bead of composite dielectrics for, **3994**
for television distribution, **2839**
temperature variation of parameters of 2·6/9·5-mm pairs, **3618**
termination for, liquid-He-cooled, **3237**
theory of, **2837**
h.f., calculation of signal distortion in, **3996**
Capacitance,
measurement of, high-precision, **3104**
stabilized instrument for 10^{-4}–10^{4} pF, **2741**
sinusoidally varying, harmonics generated by, **1432**
Capacitors,
ceramic, self-resonance in, **447**
electrolytic, Cb, **2109**
Ta, with solid electrolyte, **1741**
low-impedance design for filters, **2872**
variable, helix-type, **1428**
vibrating, for electrometer amplifiers, **3510**
Cathode-ray oscillographs,
circle-diagram recorder for 10 kc/s–200 Mc/s, **3511**
measurement of nonlinearity of spot deflection in, **1612**
pulse distortion due to transit-time effects, **2743**
sampling-type, for pulse testing of microwave transmission lines, **3512**
Smith-diagram display unit using microwave directional coupler, **4256**
zig-zag presentation for μsec time intervals, **1963**
Cathode-ray tubes, (See also Television, picture tubes)
cathode loading limit in, **2052**
electron guns for, emission decay below narrow grid apertures in, **1693**
source focusing and reflex modulation in design of, **1052**
electron trajectories in nonuniform magnetic field for improving deflection sensitivity in, **2429**
e.s., for flying-spot store, **3210**
image transformations by constant deflection fields, **760**
with inclined deflection plates, sensitivity of, **3209**
photomicrometer for recording light-intensity profile of trace on, **1277**
storage-type, for bright radar displays, **2054**
selective erasure and nonstorage writing in, **2053**
travelling-wave deflection system for, errors in, **1378**
type-O focusing in, methods for investigating, **1379**
X-ray generation in, **759**
Cathodes, (See also Electron emission; Photocathodes)
cold, influence of sheet texture on emission of, **763**
MgO, **1355**
Cathodes, dispenser-type, Ba-activated W, suppression of emission from portions of, **3977**
emission of O^{-} ions from, **3192**
interface impedance of, effect on equivalent circuit under pulse conditions, **373**
measurement of, **372**
nonmetallic, thermionic emission constants of, measurement and interpretation of, **2041**
oxide, avalanche effect in strong electric field, **2421**
BaO, effect of ultraviolet irradiation on conductivity of, **4354**
conductivity of, **737**
emission equations for, **3193**
emission under ion bombardment, **2422**
emission in strong field, **371**
evaporation measurement with radioactive isotopes, **3976**
hollow, miniature-type, **1359**
Ni-matrix, below apertured electrodes, **1360**
properties of, **1361**
quality evaluation by shot-noise tests, **3194**
shot-noise techniques for study of emission of, **2423**
stability improvement by controlled electrolysis, **4353**
temperature variations of, **1358**
serrated, potential distribution above, **2040**
W, pulse characteristics of, **1357**
Circuits, (See also Networks)
counter, binary, using transistor flip-flops, **3683**
tunnel-diode, **2889**
coincidence, using avalanche transistors, **3681**
diode-bridge, **4046**
decimal, reversible, **2888**
dekatron, reversible, **796**
multiaperture-core, for missile guidance system, **3287**
multiple coincidence, transistor, **464**
with no 'carry' propagation, **465**
ring-type, 100-Mc/s, tunnel-diode, **3286**
scaling, using tunnel diodes, **84**
self-checking, using transistors, with digital display, **3682**
d.c. nonlinear, switching processes in, **4020**
differentiating and integrating, normalization of, **459**
using variable-capacitance diodes, **463**
gating, low-level, μsec, **1765**
parametron-type, **2509**
10·7-Mc/s, with 180 dB carrier suppression, **3288**
magnetic-core, for Doppler-signal data extraction, **3265**
microcircuit technique using epitaxial Si, **2866**
microminiaturization, power dissipation problems in, **1425**
techniques for, **787**
microminiaturization and cooling techniques, **2865**
negative-resistance, survey of, **1097**
nonlinear, distortion functions for, **1744**
thermal fluctuations in, **1742**
pulse, amplitude-discriminator, **2886**
analysis of, **1763**
avalanche-diode, **4045**
avalanche-type, triggering of, **2887**
collector-coupled complementary transistor pair, **3680**
decoding, using semiconductor elements, **1442**
'neuristor', **4044**
time/height converter, using transistors, **795**
pulse-delay, phantastron, using transistors, **466**
pulse-shaping, transistor, **4043**
switching, a.c. or d.c., using symmetrical transistors, for modulation and demodulation, **2108**
core-matrix, h.f. magnetic-amplifier drive for, **2871**
cryosar, Si, **3658**
cryosistor 2-terminal low-temperature device for, **1099**
cryotron, gate resistance of, **3656**
ferrite-core, analysis of, **2870**
'ferrod' device for sensing small currents, **3266**
magnetic-core, transfluxor symbol for, **4025**
maintenance schedules for, application of Boolean algebra to, **2868**
microwave, varactor-diode, **2107**
numerical methods for analysis of, **1740**
parametron, controlled, **1098**
in data processing systems, **443**
magnetic-film, stable oscillation conditions for, **2106**
for radio astronomy, **2485**
using toroids of square-loop ferrite, **4023**
transistor, for both current directions, **57**
NOR unit, **58**
tunnel-diode, for pulse generators, **4024**
tunnel-diode/resistor OR gate, **1427**
thin-film multilayer construction of, **3264**
transistor, analysis of, calculus of deviations applied to, **2875**
trigger, Schmitt, using transistors, switching mechanism of, **3676**
using transistors with common emitter resistance, **83**
tuned, damping in, Hamiltonian formalism for, **1439**
Clocks, (See also Time)
atomic, synchronization experiment on, long-range, **3093**
digital, **2337**
Coils,
with distributed capacitance, equivalent circuits of, **3653**
Communication circuits,
ionospheric, influence of sunspot number on power requirements for, **1047**
s.w., predictions for Spanish sea routes, **2374**
Communication equipment,
lifetime prediction method for, **1636**
Communication systems, (See also Phototelegraphy; Radio links)
aircraft, automatic coding and modulation techniques for, **3539**
coaxial-line, 12-Mc/s, terminal equipment for, **1304**
earth-satellite, **4300**
active, based on inclined elliptic orbits, **4303**
Courier-type, **1633**
attitude stabilization and station-keeping in, **4302**
design factors in, **3933**
economics of, **3536**
international aspects in planning of, **4304**
ionospheric effects on wide-band signals in, **3537**
long-range, **1029**
maser performance in, **4057**
microwave, low-noise requirements for, **3936**
microwave-dipole West Ford project for, **4307**
project Echo, design calculations for, **3935**
transatlantic experiment with, **1306, 3148**
transmission tests on, **3934**
scattering properties of spheres for, **328, (D)329**
u.s.w., requirements for, **3147**
Van Atta arrays for, **3149**
21-Mc/s, signal-burst data on, **4301**
F-layer scatter, technique for, **325**
ground-scatter, 'pin-wheel' sounder in propagation research for, **697**
infrared, solid-state modulators for, **2366**
international supervision for, **2769**
interplanetary, by optical maser, **2377**
requirements for, **4311**
meteor-burst, channel capacity loss in, **326**
multipath effects in, **327**
signal strength during polar disturbance, **4299**
missile, for avoiding re-entry blackout, **698**
mobile, channel width reduction in, **2779**
moon-relay, **4297**
band-pass measurements on, **2006**
moon and satellite relays, comparison of, **2369**
multichannel, TD-2, interstitial-channel operation for, **1028**
u.h.f., permissible echo parameters in, **2370**
orbital-scatter, **1634**
p.m., error probability in detection with crosstalk and noise, **3144**
instantaneous-value companding in, **4296**
time and frequency crosstalk in, **3145**
progress report on German developments in, **2437**
pulse, impairment by phase distortion in different systems, **2365**
intersymbol interference in, elimination by signal shaping, **3532**
scatter, aerial beam configuration for, **4009**
space, frequency allocations for, **3152**
u.h.f., using moon reflection, in auroral zone, **4298**
speech bandwidth compression method for, **3225**
s.s.b., compatible, signal spectrum analysis for, **3146**
modification of Weaver's method for, **1302**
subterranean, **2009**
suppressed-carrier, d.s.b., **2368**
telegraphy, f.m., voice-frequency, **324**
frequency-shift, improved decision technique for, **1027**
h.f., comparison of, **1026, (D)2367**
vestigial-sideband, spectrum representation for, **3932**
v.h.f., f.m., 50-channel R/T equipment for marine use, **2776**
v.l.f., loop system for highway traffic control, **332**
waveguide-mode, in earth's crust, **2376**
waveguide, long-distance, **2458**
wide-band, Australian, **4294**
Communication theory,
applied to congested wavebands, **(D)692**
coding systems, orthogonal, **693**
group codes, **323**
hyperbolic binary encoders for, design and performance of, **2005**
introduction to, **1303**
logic switching circuits in relation to, **1631**
multiple-burst detection method, **3931**
reconstruction error and delay for amplitude-sampled white noise, **4295**
signal prediction by *RC* network, **3930**
Components,
microwave, review of magnetic and semiconductor materials for, **2435**
reliability of, **2864**
transmission-line equations applied to, **56**
Computers,
analogue, for compensation of sampled-data control systems, **2483**
forcing-function generator for, **2100**
function generator for, v.l.f., **786**
multipliers, Hall-effect, with feedback amplification, **4018**
using transistors, **2481**
program for finding zeros of polynomial by, **3257**
for radiation pattern determination, **2095**
resistor network for solving Laplace and Poisson equations, **2479**
self-optimizing system for nonlinear filtering and prediction, **3260**
simulation of neutral elements using multi-aperture magnetic cores, **1089**
for solution of F region continuity equation, **4135**
analogue/digital converters for telemetry data, **54**
using tunnel-diode/transistor combination, **4014**
digital, a.c., multipliers and dividers for, **435**
binary adder for, using tunnel diode in bridge network, **3256**
using unipolar transistors, **1424**
binary/decimal converter for, **49**
converter for logarithmic compression of binary numbers, **3263**
c.r.-tube output for, **3261**
giving alphanumeric display for radar, **3262**
data-processing, parametron applications in, **443**
reliability of magnetic tape for, **445**
differential analyser, **436**

Computers, digital, control-pulse generation for, **2860**
CORSAIR, main store of, **3650**
design and application of, **3255**
Fourier synthesis using dekatron counters, **2101**
high-speed adding system, **432**
using saturated transistors, **434**
input and output devices for, **51**
'Isabel' logic system for decimal counter, **50**
Japanese, **785**
logic circuits for, diode, **2862**, current-operated, **2104**
magnetic, **2482**
Zener-diode coupling networks for, **2863**
logic nets for, structure of, **3649**
microwave, using frequency-script system, **3651**
probability-distribution analyser with e.s. storage, **3259**
pulse frequency division circuit for, **1107**
review of, **3648**
storage system for, decimal, based on ferrite-core magnetization time, **2480**
dielectric-drum, **2102**
electroluminescent, light output from, **437**
ferrite-core, **440**, **4019**
ferrite-coupled, **433**
ferroelectric, with nondestructive read-out, **4016**
load-sharing matrix switches for, **441**, **442**
magnetic, **1090**, multistable, **4017**
magnetic-core, 'associative', **3258**, for punched-card output, **439**
magnetic-film, **438**, **1087**, **1737**, **2103**, multiple-layer, **53**
magnetic-tape, double read heads for, **446**
magnetostrictive delay-line, **444**
'optron', **4015**
principles of, **2859**
survey of, **1094**
thin-film devices as, **2861**
subsystem using 1·85-Gc/s subharmonic oscillators, **1092**
switching circuits in, magnetic-film, design of, **1738**
switching elements for, cryosar, Si, **3658**
tunnel-diode phase-locked pair in, **1096**
tunnel-diode techniques in, **1095**
waveform reshaping circuit for, **1423**
digital/analogue converters, test equipment for, **335**
output display techniques for, **1086**

Conduction,
anomalous, in antiferromagnetics, **1247**
in crossed electric and magnetic fields, quantum theory for, **4064**
derivation of Boltzmann transport equation for inelastic collisions in, **3323**
impurity scattering of electrons in strong magnetic field, **100**
impurity-type, fluctuation of Coulomb energy in, **99**
surface, of insulating solids, measurement of, **817**
surface impedance and electron relaxation time in h.f. field, **1118**
tunnelling in, wave-function calculations for, **3706**
variational method for transport parameters in, **3322**
variational treatment of warm electrons in nonpolar crystals, **815**

Conductivity,
effect of random inhomogeneities on measurements relating to, **816**
of transition elements, relation with magnetic properties, **1890**

Conductors,
with varying cross-section, potentials in, **2908**

Conferences and conventions,
advances in ballistic missile and space technology, **4109**
aspects of magnetism, Sheffield, Sept. 1959, **114**
exosphere and upper F region, Washington, May 1960, **191**
input and output devices for computers, London, Nov. 1959, **51**
magnetism, Grenoble, July 1958, **1935**
many-particle problems, Utrecht, June 1960, **841**
physics of semiconductors, Prague, Aug./Sept. 1960, **600**
radio techniques and space research, British I.R.E., 1961, **3355**
semiconductor devices, Unesco, Paris, Feb. 1961, **2400**
semiconductors, S.F.E.R., Paris, Feb. 1961, **2060**
stereophony, Hamburg, April 1959, **389**
transistors and associated semiconductor devices, I.E.E., London, May 1959, **2021**
ultrapurification of semiconductor materials, Boston, **3862**
U.R.S.I. XIIIth General Assembly, report of U.S. National Committee, London, Sept. 1960, **2432**

Control systems, (See also Electronic applications; Frequency control; Servomechanisms)
automation, cold-cathode valve circuits for, **2744**
linear, complex-plane charts for frequency response in, **3542**
discrete-data, modified z-transform method for design of, **4262**
nonlinear, review of theory of, **3153**
signalling devices incorporating Hall generators for, **1615**
temperature, transistor as sensing element in, **3119**

Converters, (See also Frequency, converters)
a.c./d.c., using Hall generators, for telemetry and process control, **1607**
using saturable reactor with solid-state device for modified square-wave output, **3544**
d.c./a.c., transistor, with frequency and phase controlled by RC networks, **3546**
tunnel-diode relaxation-oscillator, **3545**
3-phase, for space vehicles, **2785**
d.c./d.c., using transistors, **1036**, **2382**
energy, ferroelectric, **2746**
Converters, energy thermionic, using A-filled diode and auxiliary discharge, **1969**
calculation of maximum efficiency of, **3121**
Cs-diode, **707**, **2749**, interpretation of V/T curves of, **2335**, performance tests on, **1280**, potential distributions in, **1279**, r.f. oscillations and saturation current in, **3122**
effect of electrode spacing in, **1010**
effect of magnetic fields on, **1009**
filamentary-cathode, l.f. oscillations in, **1970**
with ion injection for neutralizing space charge, **2748**
space-charge-limited, optimum design of, **4265**
thermoelectric, equivalent circuit for, **2750**
for tunnel-diode microwave oscillators, **2781**

Cores,
ferrite, pot-type, for stable inductors, **2869**
magnetization processes in, ultrasonic method for investigation of, **3885**

Cosmic radiation, (See also Radio astronomy)
detection of 10-keV electrons by third earth satellite, **154**
drift velocity of charged particles near equator, **2181**
effect of hydromagnetic waves on longitudinal invariant, **2183**
equation of charged-particle shell in perturbed dipole field, **2182**
geomagnetically trapped electrons in, energy spectrum of, **3744**
geomagnetically trapped particles in, effect of betatron oscillations on, **2936**
geomagnetically trapped protons in, distribution of, **531**
intensity decreases in, Forbush-type, asymmetry in recovery from, **2179**
Pioneer V measurements on, **141**
intensity fluctuations Nov. 1960, **2937**
intensity increase with solar flare 20th Nov. 1960, **2180**, **4093**
intensity variations, daily, world-wide effects on, **529**
during magnetic storms, May 1959, **2185**
July 1959, **2184**
observed by 1958ϵ near Japan, **535**
in polar regions, **2939**
related to interplanetary magnetic field, **147**
11-year, space-probe experiments on, **150**
interplanetary, investigation by second Soviet space rocket, **151**
measurements at 1500 km in equatorial latitudes, **3368**
motion of low-energy particles in earth's field, **2565**
multiple zone development observed by Explorer VII, **152**
penetration of fast charged particles into ionosphere, **155**
primary, extraterrestrial electrons in, **1827**
rocket and satellite investigations of, **1498**
solar, ground observations near poles in Nov. 1960, **1825**
injection figures, **144**
measurements by space probe at 5×10^6 km, **142**
observations near north magnetic pole, **143**
related to geomagnetic storm 12th May 1959, **148**
solar daily variation of, **528**
during solar disturbances Nov. 1960, **3370**
from solar flares, modulation effects at balloon altitudes, **145**
propagation mechanism, **146**
solar modulation of, **851**
Soviet rocket data for 60 000 km, related to American measurements of magnetic field, **1149**
space probe and satellite data on, **1148**
spectrum and propagation of solar-flare particles July 1959, **3371**
trajectories near equator, **139**
Van Allen belts, comparison with neutron decay source, **527**
detection of X-rays from, **1826**
diffusion of particles in, **532**
effect of diamagnetic ring currents on, **4090**
effect of hydromagnetic waves on protons in, **3369**
electron production in, **140**
energy spectrum and distribution of trapped electrons in, **4091**
Explorer VI measurements on, **3745**
hydromagnetic-wave theory in relation to Argus experiment, **1829**
inner, Atlas rocket measurements on, **1828**
proton flux and energy spectra of, **3743**
mirror and azimuthal drift frequencies for, **1497**
observations of, (D)**530**
outer, correlation with aurora, **157**
effects of magnetic storm on, **149**, **533**, **534**
intensity variations in, **4089**
neutron decay hypothesis for, **4092**
observations with Explorer VII, **153**
radio-wave mechanism for distribution of, **2564**
space-probe observations and relation to aurorae, **156**
Soviet rocket data, **138**
X-ray observations by balloon in auroral zone, **2938**

Cosmic rays. See Cosmic radiation.

Counters, (See also Circuits, counter)
ion, magnetic electron multiplier using Si dynodes for, **4269**
resistance-strip electron multiplier for, **4270**
radiation, β-particle, Ge and Si junction-diode, **314**
Ge, surface-barrier, **315**
photoelements for measurements of proton currents, **1973**
p-n-junctions, **2753**
energy loss in, **3123**
scintillation, large-area, performance of, **1014**

Crystals, (See also Molecular systems; Piezoelectric materials; Quartz; Resonators)
$A^{III}B^{VI}$ vapour-phase growth of, **3889**
direction dependence of properties of, **2322**
Crystals, dislocations formed by collapse of vacancy disks in, **658**
oven for, 'change-of-state', **2378**
oxide, pulling technique using r.f. heating, **3087**

Delay lines, (See also Computers, storage systems for)
acoustic, variable, **2444**
glass, continuously variable, **1444**
pulse response of, network solution for, **3685**
with solenoid on ceramic tube, **1766**
ultrasonic, effect of intermediate layer on frequency characteristics of, **1767**
water, variable, **86**

Delay systems,
variable, using cascaded drift transistors, **2512**
120-μs, stabilized, using transistors, **2511**

Demodulators,
f.m., negative-feedback, project Echo, **3922**

Detection,
amplitude distribution of noise after post-detection filtering, **1625**
using bilateral nonlinear resistors, **1454**
digital methods for analysis of radio-star scintillations, **4283**
error probabilities with fluctuating interference and rapid fading, **2354**
of known signals in Gaussian noise, **2355**
with noisy stored reference signal, **322**
of periodic pulses in noise, methods for, **2356**
in periodic signal trains with superimposed fluctuations, **3533**
probability of zero crossings of stationary random signal, **1998**
self-adaptive filter using storage method for, **1999**
of weak signals, **3139**
in noise, probability ratio for, **2000**

Detectors,
mm-λ, crystal, **1108**
crystal biasing in, **3321**
square-law, for measurement of r.m.s. values, **3319**
using staggered diodes, **3320**
synchronous, using beam-deflection tube, **4359**

Dielectric constant,
measurement of, cavity-resonator method for, **664**
correction term for, **2327**
microwave, graphical method for, **295**
using slow surface waves, **665**, **666**
temperature dependence of, **2247**
of TiO_2 at low frequencies, **1543**

Dielectric properties,
measurement apparatus for lossy materials, **3905**
of SnO_2 in ceramic and powder form, **3807**
of ZnS thin films, **3007**

Dielectrics, (See also Insulating materials)
artificial, Cu-powder, permeability and permittivity in range 0·5–35 Gc/s, **3806**
metal-disk, calculations for, **1199**
microwave transmission through, **429**
polarizability of short conducting cylinders as, **488**
Ba-Sr and Ba-Pb titanates, properties of, **1541**
with emitting electrode, electric fields and currents in, **2907**
KDP, microwave modulation of electro-optic effect in, **3430**
Si_3N_4, thin-film, for high-temperature capacitors, **1542**
Ta oxide films, anomalous capacitance of structures of, **3426**
theory of space-charge-limited currents in, **490**
thermodielectric effect in, **214**

Diffraction,
acoustic, at cylindrical cavity in elastic medium, **1705**
of acoustic and e.m. pulses, by resistive half-plane, **503**
of acoustic and e.m. waves, by slit and by circular aperture, **1799**
of e.m. waves, at composite cylinder, **1801**
at conducting cylinder, **504**
at cylinders with anisotropic conductivity, **833**
at cylindrical inhomogeneity below earth's surface, **122**
at diaphragm and reflector disk, application of Kirchhoff's principle to, **509**
at double wedge, **1130**
at elliptic cone, **3344**
at ferrite cylinder, **4071**
at finite irregular screen, **1474**, **1475**
at imperfectly conducting half-plane at oblique incidence, **506**
inhomogeneous waves in field near dielectric cylinders, **1473**
at metallic sheet, **507**
at paraboloid screen, **505**
at plane conducting ring, **3723**
polarization measurement apparatus, **1129**
at prolate spheroid, scalar treatment for low frequencies, **2163**
at rectangular apertures in plane metal screens, **3343**
of e.m. waves, at slit, measurements of field distribution, **508**
at small circular aperture, **3725**
at spheres, **832**
at unidirectionally conducting surfaces, **1800**, **3724**

Direction finders,
acoustic, underwater, systematic error in, **205**
Adcock-type, theory of, **42**
aerial coupling error in, **4154**
airborne, automatic, servo filter and gain control for, **3416**
automatic, 15–500-kc/s, **207**
c.r.o.-type, 2-channel, calibration methods for, **2988**
marine, microwave position-fixing system, **576**
wave-analyser, **575**

Direction finding,
automatic, spinning-goniometer, design for, **3792**
Brooke variance classification for bearings in, **3789**

Direction finding, h.f., application of interferometer to, **4153**
influence of ionospheric conditions on accuracy in, **3791**
instrumentation and wide-aperture arrays for, **3788**
and long-distance location, N.B.S. research on, **3787**
phase-difference observations at spaced aerials on 6 Mc/s for, **3786**
tracking of earth satellites, systems for, **3784**
underwater, requirements of v.l.f. system for, **1863**
variances of position lines with fixes in, estimation of, **3790**
v.l.f., Ephi system for, **2609**
at 100–2400 Mc/s, conical aerials for, **2857**
Discharges, (See also Breakdown; Plasma)
in air, localized, using pulsed microwave source, **820**
beam-plasma interaction in A at low pressure, **3708**
electron emission due to space charge in, **491**
at focus of paraboloidal reflectors, **2147**
hollow-cathode, electron and ion currents in, **3326**
intense, swept Langmuir probe system for, **1456**
ion charge exchange reactions in oxygen afterglows, **113**
microwave, at focus of ellipsoid, **4065**
microwave measurements of radiation temperature of plasma in, **1463**
noise generated in ion sheath of probe in, **1787**
oscillations due to electron sheath breakdown in, **492**
pulsed, microwave method of investigating, **300**
rectification effect in crossed fields in, **2909**
r.f., controlled by electron drift in magnetic field, **3707**
electron bunching in multipacting mechanism of, **3325**
Discriminators,
amplitude, Round-Travis, **2144**
Distortion,
in pulse systems, paired echo theory for, **4158**

Earth satellites,
camera for filming, **2586**
Doppler curves of, method for interpreting, **1159**
drag measurements, determination of upper-atmosphere densities from, **4108**
errors in orbital predictions for, **4106**
flashing-light system for position determination of, **3754**
geodetic applications of, **2583, 2584**
geophysical measurements by, **3382**
ground equipment for observations of, **2777**
instrumentation, for ionosonde and telemetry system on, **3388**
for observing primary cosmic radiation, **4111**
ionization due to, secondary-electron emission related to, **2948**
sputtering as mechanism for, **2949**
minimum passing range calculation from Doppler measurements, **2193**
minimum range equation for, **2581**
minitrack equipment for, **2375**
motion of, in asymmetric gravitational field, **166**
long-period lunisolar effect on, **3384**
osculating elements derived from modified Hansen theory, **546**
simulation studies of, in ionized atmosphere, **3383**
theory in terms of orbital true longitude for, **1834**
orbital data, atmospheric-density calculations from, methods for, **3757**
at 180–700 km, **4107**
upper-atmosphere density for 1957–1961 derived from, **3387**
orbital rotation of, effects of atmosphere in, **2950**
orbits of, display of predicted paths on c.r. tube, (D) **3798**
effect of earth's oblateness on, **165**
effect of oblate atmosphere on orientation of, **3755**
equation of motion for, **2579**
integration of, algorithm for, **547**
perturbation method for calculation of, **168**
vector form for perturbations of, **2580**
photometry determination of ozone distribution by, **3386**
plasma-wave excitation in ionized atmosphere by, **3751**
project Oscar, for amateur radio, **1505**
radiation and environmental effects on equipment in, **4113**
radio-astronomy survey at m.f., techniques for, **4110**
radio signals from, ionospheric effects on, scattering, **1836**
theory for, **1294, 2759**
irregular fading of, **1160**
ray tracing methods for, **1624**
reciprocity theorem for, **1295**
scintillation of, **1835**
latitude distribution of ionospheric irregularities deduced from, **3761**
ray paths from cosmic r.f. source to, ionospheric effect on, **3758**
Russian, results of investigations by, **543**
Scout, cosmic-ray measurements in, **4112**
instrumentation of, **2582**
for measuring solar X-ray emission in, **3759**
tracking methods for, **3784**
Transit, instrumentation of, **4151**
weather radar observations by, **170**
1957 α and β, radar echoes from, **1163**
1957β (Sputnik II), rapid variations of rotation period of, **3385**
1957β and 1958ϵ (Explorer IV), detection of ionized trails of, **865**
1958δ (Sputnik III), atmospheric density variations from orbital data of, **4105**
electron densities deduced from Faraday fading of transmissions from, **3760**
drop-out phenomenon in, **2952**
ionospheric data from Doppler shifts at harmonic frequencies, **4128**
radio signals from, characteristics of, **864**
Earth satellites, radio signals from, enhancement due to ionization caused by, **549**
Faraday-effect calculations for, **2760**
simultaneous observations at 20 Mc/s on, **3756**
skip distance determined from ray focusing effects, **1837**
transcription of telemetry signals from, **1506**
1959δ (Explorer VI), electron density data from, **193**
1959α (Explorer VII), heavy-nuclei cosmic-ray flux observations by, **2951**
ionization phenomenon related to radiation belts, **863**
transmissions from, scintillation activity along field lines, **1162**
1960β (Tiros I), angular motion of spin axis of, **167**
equipment and launching of, **169**
power supply for, **2780**
1960γ (Transit 1B), orbit variations related to gravitational field, **862**
1960α (Echo 1), beacon transmitter and power supply for, **3174**
loss of mass in, **2194**
minitrack observations of orbit variations, **548**
orbit perturbations of, **1157, 1158**
signal reflections from, sideband correlation with lunar echoes, **2953**
spin rate determination by tracking radar, **2195**
tracking system for, **3799**
Electrets,
ZnS, luminescence effects in, **215**
Electrodynamics,
classical equations of motion with radiative reaction, **3337**
Electroluminescence, (See also Phosphors)
displays, ferroelectric scanning technique for, **3118**
in GaP p-n junctions, **3805**
increasing brightness/voltage nonlinearity in devices based on, **676**
of insulated particles, **1540**
light waveforms from cells under pulse excitation, **914**
matrix for pattern display and recording, **3907**
in p-n junction in black carborundum, **3003**
due to recombination of accumulated carriers, **912**
Electromagnetic field,
of magnetic doublet, between two media, **3340**
point-source representation of, **3333**
u.h.f., standardization of, equipment for, **1274**
Electromagnetic theory,
average forces of loss-free systems in, **3332**
e.m. pressure on moving charge in magnetic field, **130**
field of current loop in general relativity, **1128**
input impedance of current loop in conducting medium, **117**
Maxwell's equations, uniqueness criterion for solutions of, **813**
separation of gyroelectric and gyromagnetic effects in, **829**
Electromagnets,
hydromagnetic, using constricted liquid conductor, **3720**
Electrometers. See Meters.
Electron beams,
bunching by sinusoidal travelling and standing waves in, **1364**
conservation laws for interaction with circuit, **1366**
energy calculations for fast and slow space-charge waves in, **1365**
interaction with plasma, investigation using subsidiary transverse beam, **1457**
long, confined, oscillations of, **1367**
low-energy, transmission through thin films, **821**
multipactor effect in, mechanism of, **2533**
sole current characteristics in crossed fields, **1786**
space-charge broadening of, **3709**
Electron emission, (See also Cathodes; Photoelectric emission)
field-type, through dielectric layers on W, **98**
noise in, **313**
from plane electrodes, potential distribution between, **497**
secondary, contribution of back-scattered electrons in, **2150**
energy dissipation and yield in, **2149**
metal layers and semiconductors, **3069**
of metals, theory of, **2910**
from Ti, as function of angle of incidence, **2703**
from Th monolayer, surface density measurements, **627**
thermionic, from Ba_3WO_6, **2817**
space-charge neutralization in, **1356**
from ZrC and UC, **3478**
tunnel effect in, perturbation theory for, **1219**
from W, work-function measurement from reflection of slow electrons, **3068**
work function, of Mo with deposited Na and Cs films, **2302**
of Mo and Ni, measurements of temperature dependence of, **3477**
Electron guns, (See also Cathode-ray tubes)
axially symmetric, curvilinear-flow, determination of electrode shapes for, **1362**
diode, space-charge-limited, noise measurements on, **4357**
noise properties of, **4356**
hollow-beam, design of, **3581**
Pierce-type, effect of filament magnetic field in, **2819**
matching of, **3978**
Electron lenses,
e.s., quadrupolar, system of, **4268**
filter-type, improved, **4267**
magnetic, fifth-order spherical aberration of, **1013**
Electron microscopes,
defocusing contrast in coherent illumination, **312**
effect of a.c. cathode heating on image in, **1614**
e.s., spherically corrected, resolving power of, **3908**
with e.s. immersion objective, depth of focus in, **678**
field-emission, noise measurements on, **313**
Electron microscopes, magnetostatic biprism for beam splitting in, **311**
for observation of lattice spacings up to 1000 Å, **1283**
Electron optics,
calculation of e.s. fields with rotational symmetry in, **489**
Electronic applications,
acoustic echo ranging system for fishery and geological investigations, **1968**
automatic dew-point hygrometer using Peltier cooling, **2333**
character reader, **4266**
nonscanning, **1012**
displacement measurement, design of magnetoresistance elements for, **4264**
using Hall effect in semiconductor, **1007**
distance measurement, tellurometer application in Australia, **3117**
electron-beam techniques for material processing, **3120**
electronic typewriter controlled by Ne-diode/resistor matrix, **3519**
in medicine, measurement of frequency of blood circulation system, **4263**
for physiological measurements, **308**
in oceanography, **1281**
parametric variable-capacitor motor, **2751**
particle counting and sizing, using flying-spot scanning system, **1967**
photomicrometer for c.r. tube trace, **1277**
scanning system for star-tracking telescope, **309**
speed measurement by Doppler radar, **1974**
strain gauges using Si single crystals, **1966**
water-level surge recorder, **1008**
Electronic equipment,
long-term effects in materials used in, **4243**
reliability of, **2436**
solid-state devices in microsystems, **765**
Electrons,
interaction of, Friedel sum rule for, **2530**
in rectilinear fields, Dirac equations for, **814**
trajectories in sinusoidally varying magnetic field, **4079**
velocity distribution in strong electric field, **97**
Electrostatics,
field at surface of metal, **4063**
polarizability of short conducting cylinder, **488**
Equalizers,
delay, for television transmission systems, **2498**
variable, for v.h.f. multichannel systems, **3666**
differentiating, for emphasizing upper frequencies in video band, **4036**
variable, using thermistor, **2499**
Ether,
drift experiment, one-way, using Mössbauer radiation, **487**
Exhibitions,
Physical Society, London, 1961, **2061**
radio and electronic components, London, 1961, **3601**
Soviet equipment, London, 1961, **3602**

Ferrimagnetic materials. See Ferrites.
Ferrimagnetism,
of Fe sulphides, **642**
of $FeTiO_3$ - αFe_2O_3, Mössbauer measurements of anomaly in, **4234**
Ferrites,
adiabatic magnetization and specific heat of, **647**
Ba, properties and applications of, **641**
resonance at mm λ in, **4229**
$BaFe_{12}O_{18}$, domain configuration in, evaluation of functions for, **1258**
Ca-Fe-O compounds, preparation and properties of, **1263**
canted, magnetic resonance in, **3491**
Cd-Mn, effect of B on, **3081**
Co, anisotropy in, torque measurements of, **271**
magnetic anisotropy energy of origin of, **982**
thermomagnetic effects in, **1942**
Co-Fe, magnetic anisotropy measurements by resonance method, **983**
magnetoelastic effects in, **984**
$Co_xFe_{3-x}O_4$, magnetic annealing of, effect of cation vacancies on, **1257**
kinetics of, **985**
Co-Mn, magnetostriction in, theory of, **3884**
Co-substituted, resonance line width in, **3079**
crystal growth orientation in **2725, 3492**
Cu and Cu-Mn, structure and oxygen content of, **2315**
electron diffusion and wall relaxation in, **3883**
Eu-Fe garnet, resonance in, **1950**
theory for, **1587**
extraordinary-Hall-effect measurements on, **4212**
Faraday effect and resonance measurements in 10-Gc/s band, **1260**
Fe, crystal growth by Czochralski method, **3084**
containing Fe^{2+} ions, d.c. conduction in, **2721**
galvanomagnetic properties of **2717**
garnets, $Gd_3Al_2Fe_3O_{12}$ and $Y_3Al_2Fe_3O_{12}$, ion distribution in, **2314**
high-permeability, **272**
rare-earth substituted, superexchange interaction and ion distribution in, **1261**
Y-Fe, subsidiary resonance in, **1262**
Gd oxides, properties of, **987**
Hall effect near Curie temperature in, **278**
heat conduction in, effects of magnetic field on, **2716**
h.f. magnetic susceptibility at low temperatures, **3882**
magnetization curve of, ideal, **3485**
magnetization in pulsed field, irreversible change in, **1947**
manganites, exchange anisotropy in, **3082**
measurement equipment for permeability and permittivity at 3 Gc/s, **2328**
Mg manganite spontaneous magnetization of, **1945**
Mg-Mn, Bitter patterns and magnetization of, **273**
diffusion after-effect in, **1584**

Ferrites, Mg-Mn, permeability tensor and spectroscopic splitting factor of, **2718**
microwave characteristics of, gyroscope analogue for, **1946**
mixed, permeability decrease in, **2719**
Mn, Co-substituted, magnetocrystalline anisotropy of, **2316**
ultrasonic measurement of magnetization of, **654**
Mn and Ni, with magnetite, relaxation effects in, **4232**
Mn-Zn, with different types of hysteresis loop, **3488**
with isoperm characteristic, **1944**
Mn-Zn and Ni-Zn, effect of manufacturing process on loss factors of, **1943**
Nd garnet, ferromagnetic alignment by antiferromagnetic exchange interaction in, **2720**
Ni, magnetoresistance effect in **1585**
Ni-Cd, resonance in, temperature dependence of line width in, **2724**
Ni-Co, $K\pi$ multiple domain walls in, **643**
Ni-Fe, angle dependence of magnetic-field-induced anisotropy in, **4231**
Ni-Zn, after-effects in, long-term, measurements of, **3486**
perminvar-type, frequency dependence of permeability of, **4233**
low-temperature-coefficient, for h.f., **986**
nonresonance absorption in, **1583**
permittivity and permeability measurements at mm λ, **649**
resonance in, absorption line widths and relaxation times in, calculation of, **1483**
magnetostatic modes in, **275, 276**
microwave, measurement techniques for, **3898**
pressure dependence of, **4236**
nonlinear effects of crystalline anisotropy in, **838**
nonreciprocal attenuation near, **4235**
relaxation equations for, **1948**
suppression of subsidiary absorption by modulation in, **1949**
wall effect in, **274**
waveguide propagation experiment on, **650**
resonance absorption in, determination of saturation magnetization from, **2723**
subsidiary, **2722**
effects on flux reversal, **651**
resonance line width anisotropy in, **652**
scattering of e.m. waves in, **116**
spinel-type, dislocations, stacking-faults and twins in, **990**
exchange interaction and field splitting parameter of Fe^{3+} in, **644**
spin configurations in, **645**
spontaneous sublattice magnetization of, neutron diffraction study of, **3484**
'square-loop', domain-wall velocity and reversal process in, **4230**
hysteresis-loop calculations for, **1589**
for improved storage-type cores, **3487**
$TmFeO_3$, magnetic torque curves for, **3083**
Y garnet, apparent and intrinsic permeability at cm λ in, **1586**
growth of single crystals of, **2318**
magnetic-moment variation in resonance experiment on, **277**
pure and substituted, influence of porosity on absorption curve of, **988**
Y and Lu garnets, u.h.f. properties of, **2317**
Y-Fe garnet, acoustic resonance at 9·2 Mc/s in, low-loss, **3490**
elastic constants of, **3489**
rare-earth doped, resonance field of, **989**
resonance in, nonlinear damping losses in, **4237**
relaxation mechanisms in, **2321**
spin-wave spectrum of, **1588**
Y-Fe and Y-Ga garnets, paramagnetic resonance of Fe^{3+} in, **2320**
$Y_3Fe_{5-x}In_xO_{12}$, properties of, **648**
$Y_3Fe_5O_{12}$, resonance in, **2319**
$Yb_3Fe_5O_{12}$, resonance anisotropy of, **653**

Ferroelectric materials, (See also Piezoelectric materials)
antiferroelectric ceramics with field-enforced transitions as nonlinear circuit elements, **3814**
$BaLi_{2x}Al_{2-2x}F_{4x}O_{4-4x}$, **1546**
Ba-Pb niobates, properties of, **1545**
$(Ba,Sr,La)TiO_3$, piezoresistance and piezocapacitance effects in, **2644**
$BaTiO_3$, aging of, **1203**
Barkhausen pulses in, origin of, **1888**
ceramic, dielectric after-effects in, **2642**
effect of additives of limited solubility on, **2641**
cubic-hexagonal transition in, **922**
dielectric constant in paraelectric region, at X band, **592**
1 kc/s–2 Gc/s, **3813**
domain-wall motion under train of voltage pulses, **2643**
effect of impurities on skin and bulk properties of, **2640**
effect of rare-earth doping on d.c. resistivity of, **3811**
effect of WO_3 on dielectric properties of, **3812**
influence of metallic oxides on properties of, **220, 221**
microdomains in, reversely polarized, limiting plate thickness for, **3809**
polycrystalline, polarized, l.f. hysteresis loops of, **2249**
reduced, conductivity and optical absorption of, **3011**
S-band measurement of dielectric constant of, **1547**
sidewise domain-wall motion in, velocity of, **218**
single crystals, conductivity measurements on, **219**, theory of space-charge limited currents applied to, **490**
surface layers above Curie point on, **3810**
transitional d.c. conduction processes in, **2639**
$BaTiO_3$ and $Pb(Ti\ Zr)O_3$, dependence of mechanical Q and Young's modulus on stress amplitude, **1246**
Ferroelectric materials, $BaTiO_3$, high-temperature discharges in, **1202**
poled, effect of stress on dielectric properties of, **3428**
$BaTiO_3$ and VK1, properties at 3 Gc/s, **917**
$Ba(Ti,Si)O_3$, permittivity variation with temperature in, **921**
$Bi_4Ti_3O_{12}$, properties of, **3010**
solid solutions, **3427**
ceramic, thermal conduction in, **1887**
$(CH_3NH_3)AlSO_4.12H_2O$, proton magnetic resonance in, **4169**
dihydrogen phosphates, order-disorder model theory for, **2636**
domain growth in, kinematic theory of, **919**
domain walls and surfaces in, free energy of, **2632**
for energy conversion, **2746**
guanidine aluminium sulphate hexahydrate, reversal of spontaneous polarization in, **1889**
$K_4Fe(CN)_6.3H_2O$, **591**
deuterium-substituted, **2637**
Li selenite and triglycine sulphate, permittivity increase during switching in, **4170**
$LiH_3(SeO_3)_2$, crystal structure of, **217**
mixed crystals of antiferroelectric compounds, **1544**
$NaNbO_3$-$PbZrO_3$, properties of, **2635**
$NaNbO_3$-$PbZrO_3$ and $NaNbO_3$-$PbTiO_3$, dielectric properties of, **3008**
niobates and tantalates based on $BaTiO_3$, **2634**
Pb_2MgWO_6, in solid solutions, properties of, **2633**
$Pb(Ti,Zr)O_3$, properties at v.l.f., **216**
perovskite-type, permittivity variation with electric-field in, **3009**
Rochelle salt, deuterium-doped, polarization-reversal investigation by Kerr effect, **1201**
dielectric constant at 10 Gc/s, **1200**
dielectric nonlinearity in, **2250**
domains in, optical effects due to, **2251**
hysteresis in, effect of constant electric field on, **3012**
X-ray-damaged, properties of, **3013**
$SrTiO_3$, nonlinearity and microwave losses in, **3808**
tetramethyl-ammonium-trichloromercurate, switching properties of, **920**
transitional conduction processes in, **2638**
triglycine sulphate, domain delineation in, **918**
effect of pile irradiation on, **2631**

Ferroelectricity,
theory of ferroelectric and antiferroelectric materials, **2248**

Ferromagnetic materials, (See also Ferrites; Magnetic properties)
α-Fe_2O_3, residual magnetization at low-temperature transition in, reversible effect in, **1939**
alloys, alnico-5, resistance of, influence of aging on temperature dependence of, **2707**
armco iron, properties at high temperature, **263**
Co and Ni, binary, with Pd and Pt, magnetization of, **631**
Co-Fe, Hall effect and resistance of, **3481**
Co-Mn, exchange anisotropy in, **1251**
Cu_2MnAl, magnetic anisotropy in, **3874**
Cu-Ni, resistance maximum at Curie point, **1254**
ΔE effect in weak fields, **3868**
Fe, mixed-crystals, Hall effect in, **4211**
Fe-Al, effect of heat treatment in magnetic field on properties of, **976**
magnetic viscosity due to solute atom pairs in, **1250**
Ni, magnetostriction and crystal anisotropy in, **1582**
for magnetostrictive transducers, **4215**
Ni-Co, time decrease of permeability in, **1252**
Ni-Fe, diffusion after-effect in, **4208**
magnetization under pressure, **2304**
resonance and magnetostatic modes in, **630**
volume magnetostriction of, **4214**
Ni-Fe films, anisotropy orientation and field-strength contours for, **3878**
characteristics of, **2711**
domain-wall observations, **261**
influence of anisotropy variations on properties of, **4221**
magnetization reversal in, **2710, 4222,** Kerr effect observations of, **268**
Ni-Pd, Hall effect and resistivity of, **1253**
permalloy, heat-treatment effects on, **3075**
for high-speed switching, **3886**
modification of properties of, **3080**
permalloy films, cross-tie walls in, **269**
free and forced oscillations of magnetization in, **2712**
magnetization reversal in, magnetoresistance effect in, **2713**
oblique-incidence anisotropy in, **638**
temperature dependence of properties of, **4223**
permendur V, anisotropy in polycrystalline sheets of, **1937**
Si-Fe, Bloch walls in thin specimens, **632**
'cube-textured' sheet, domain patterns on, **975**
domain tube structures in, **260**
fine structure of Weiss domains as function of magnetic field on, **4206**
grain boundaries as obstacles to movement of Bloch walls in, **2706**
magnetization determined from resonance curve, **3076**
magnetization processes in, **1580**
measurement of surface magnetization by magnified Kerr effect, **4225**
resonance absorption in, theory of phases for, **978**
surface magnetization curves by Kerr effect, **3879**
tape, locus curves of complex permeability, **2308**
viscosity due to solute atom pairs in, **2704**
analysis of magnetic history using Preisach diagram, **3073**
anisotropy in, temperature dependence of, **974**
anisotropy of domain magnetization of, **628**
with antiferromagnetic transitions, exchange-inversion model for, **970**
Ferroelectric materials, antiparallel Weiss domains in, as biprisms for electron interference effects, **2307**
Bloch walls in, internal stress energy of, **4205**
Co and Ni, domains in, magnified magneto-optical Kerr effect for observation of, **2715**
contribution of Fermi contact term to magnetic field at nucleus, **973**
cubic crystals, anisotropy-constant calculation, **1938**
deformation of domain structure by stresses, **4227**
domain display by electron microscope, image contrast in, **4238**
domain structures in, limitations of magneto-optical Kerr technique for studying, **2309**
domain-wall motion in, thermally activated, **971**
eddy-current effects in rods, **629**
elasticity and internal friction anomalies near Curie point, **979**
Fe, domain walls in, relaxation of, **259**
Hall effect in, influence of neighbour elements on, **3482**
high-μ, neutron-bombardment effects on, **980**
magnetic properties of, influence of subgrain structures on, **3870**
sintered, magnetic properties of, **3869**
Fe films, domain observation by means of Faraday effect, **2312**
domain structure of, **4218**
electron-optical investigations of Weiss domains in, **2313**
magnetic anisotropy measurements on, **3077**
magnetic deflection of electron beam in, **3078**
vacuum-deposited, change of properties on admission of air, **4219**
Fe and Ni, Bloch-wall energy in, **262**
field distribution above surface of plate-shaped domain structure in, **3071**
films, domain observation by electron microscope, **640**
domain walls in, Faraday-effect observations on, **3880**
transmission-electron-microscope observations of, **3881**
electron-optical investigations of domain boundaries in, **4226**
epitaxially grown, measurements on, **981**
flux measurement in, **303**
magnetic anisotropy changes in, **267**
magnetization reversal in nsec range, **639**
magnetization reversal processes in, **4217**
representation of, **1940**
measurement method for anisotropy function, **3902**
polarity of domain boundaries in, **3483**
remanent state in, **4216**
resistance variation with magnetic field at low temperatures, **1941**
slow magnetization processes in, **2311**
uniaxial magnetic anisotropy of, direct measurement of, **2708**
Weiss domains in, e.m. electron-microscope display of, **2714**
Hall effect in, temperature dependence of, **1255**
interaction domains in nonmagnetic matrix, **258**
internal fields in, determination of, **264**
laminations, grain-oriented, hysteresis effects in, **4228**
magnetic-field effects on thermal and electrical conductivity in, **3867**
magnetite, magnetic anisotropy and rotational hysteresis below transition temperature in, **3872**
magnetization distribution in, **3866**
magneto-optical Kerr rotation in, magnification of, **4209**
measurements of magnetization in, electron-optical method for, **3875**
mixtures, internal demagnetization factor of, **4207**
magnetostrictive effects in, **4213**
Ni, Bloch-wall movement in ultrasonic field, **2306**
extraordinary-Hall-effect measurements on, **4212**
magnetization in, anisotropy coefficient for, **3873**
remanence characteristics of stretched wires, **636**
saturation magnetostriction constants of, **635**
Ni films, action of electric field during formation, **637**
Curie temperature of, **4220**
interaction in Ni-Cu multilayer systems with stress-induced anisotropy, **2310**
magnetic anisotropy in, **3877**
magnetization of, **266**
resonance absorption in, **4224**
spin-wave resonance in, **2709**
Ni and Ni-Fe films, preparation of, **3876**
nonmagnetic particles in, domain configurations on, **2705**
optical investigations of, uniform magnetic fields for, **1256**
particle interaction in magnetic tapes, **1590**
Preisach functions of, influence of internal couplings on, **3074**
resonance in, influence of inhomogeneities on, **265**
rotational hysteresis in, **4210**
soft, initial susceptibility of, **1259**
stability of magnetic states during magnetization, **972**
superconducting, **634**
intermediate state in, **977**
switching coefficient and limiting frequency of, **2305**
thin tapes, eddy-current and spin-relaxation losses up to 1 Mc/s, **1581**
ultrasonic attenuation in, influence of Bloch-wall displacements on, **3480**

Ferromagnetism,
anisotropic superexchange interaction in, **828**
in dilute alloys, threshold concentration for, **2303**
in dilute solutions of Co in Pd, **3479**
experimental test of spin-wave theory of, **4204**
of γ-FeSn, **633**

Ferromagnetism, Ising and Heisenberg models for, critical concentrations in, **498**
in Sc-In solid solutions, **3871**
statistical mechanics of, **2918**
theory of, direct exchange in, **826**
spin waves in collective electron model in, **827**
Field strength. See Reception; Wave propagation, e.m.
Films, (See also Ferromagnetic materials)
conductive, reflection and transmission of e.m. waves by, **2923**
thin, energy distribution of electrons penetrating, **1595**
growth under electron bombardment, **4240**
influence of frequency and structure on refractive index of, **1478**
lead-wire attachment technique for, **4241**
metal, hot electrons in, device based on, **3086**
tunnelling-current measurements on, **3435**
Filters, (See also Networks; Waveguides)
active, Fourier-comb application of, **2881**
for measurement of pulse frequency spectra, **2882**
RC, synthesis of, **3276**
active and passive, synthesis by root locus method, **2880**
analogue device for design of, **70**
antimetric, inserted between equal resistances, **2119**
band, double-tuned, design data for, **4032**
band-pass, a.f., continuously variable, **1437**
with complex characteristic impedance, **1434**
narrow, **2496**
Tchebycheff-type, formulae for characteristic function of, **1104**
variable-bandwidth, **1436**
band-stop, resistance compensation in, **77**
Butterworth-type, quick method for design of, **1435**
comb-type, for radar pulse detection in noise, **74**
crystal, lattice-type, for increased bandwidth, **4035**
symmetrical, optimum matching of, **3664**
delay, for signal compression, **458**
distortion and autocorrelation function with wide-band noise input, **1747**
electromechanical, cascaded, insertion characteristics of, **2493**
for communication equipment, **76**
coupling-type, **2122**
measurements on, **2497**
design data for, **3275**
with flexural coupling, **4030**
insertion loss in, **4033**
magnetostrictive, image-parameter theory for, **2495**
piezoelectric, $Pb(Zr,Ti)O_3$, **2494**
practical data on, **4034**
Gaussian-response, design data for, **2118**
graphical methods for approximating response characteristics of, **3663**
image-parameter, tolerances of elements in, **2492**
ladder, antimetric, **1749**
design of, property of lossless quadripoles applied to, **3273**
4-branch reactive sections for, synthesis of, **1748**
low-pass, design method for, **790**
design tables for, **4031**
mechanical, a.f., for hum suppression, **1752**
n-path, time-varying, **72**
n-section, performance of, **456**
optimum pulse response for signal detection in noise, **2876**
phase compensation in, frequency-inversion process for, **78**
pulse, **4029**
for pulse-shaping circuits, design of, **1751**
rejection-type, tunable, **3665**
synthesis of, based on characteristic impedances, **1750**
by digital computer, **2120**
from operating parameters, using Zolotarév fractions, **2116**
use of Jacobians for, **3274**
with Tchebycheff approximation of constant group delay, **2877**
transient formula for, generalization of, **455**
tuning-fork, 400-c/s, **457**
v.l.f., using double-T *RC* networks, **2121**
wave, image-parameter theory for practical design of, **2117**
l.f., using thermistors, **73**
Frequency,
allocations, **1305**
converters, (See also Amplifiers, parametric)
tunnel-diode, **3277**
low-noise, **3668**
dividers, based on carrier storage in junction diode, **1107**
using cascade transistor trigger circuit, **85**
regenerative, **797**
measurement of fluctuations by digital technique, **1606**
meter, microwave, magnetically tuned, based on ferromagnetic resonance, **4260**
multipliers, based on oscillation build-up, **3289**
using variable-capacitance diodes, **2510**
stabilization, of f.m. oscillator using condenser microphone, **2504**
by pulse counting techniques, **2505**
standards, atomic, servo system for locking crystal oscillator to, **996**
crystal, 100-kc/s, adjustment methods, **291**
Cs, I.E.N., microwave generators for, **1757**
magnetic screen for, **3896**
with Rb-87, **1268**
Swiss, **3095**
equipment of German Federal Post Office, **4246**
NH_3-beam maser at JJY, **1958**
v.l.f., synchronizing system for, **1601**
synthesis problems, **1443**
tripler circuit, using capacitance diode, **3684**

Gases,
ionized, (See also Plasma)
couette flow of 2-component fluid applied to, **2912**
Gases, ionized, drift velocities of slow electrons in, **2153**
electrical and thermal currents in, **103**
electrohydromagnetic waves in, **3715**
microwave attenuation by cyclotron resonance in, **2537**
motions of ions and electrons in, general theory of, **1788**
thermal conductivity of, **1789**
wave modes transverse to external magnetic field in, **3713**
Generators, (See also Oscillators; Signal generators)
harmonic, crystal, mm-λ, **1108**
frequency analysis of, **4047**
Si-diode, for 40-Gc/s band, **2133**
waveguide-type, **2131**
mm-λ, techniques for, **3279**
mm- and sub-mm-λ, Cherenkov coupler for, **119**
noise, cm-λ, gas-discharge, **670**
pulse, μsec, controlled amplifier for, **4049**
for needle-shaped pulses, **1764**
nsec, X-band, using tunnel diodes, **3285**
random, **4048**
for circuit testing and encoding, **3283**
for triggering instrumentation cameras, **82**
2-μs, tunnel-diode, for positive and negative pulses, **3679**
spectrum, h.f., for aerial calibration, **1002**
sub-mm-λ, 'tornadotron' and other techniques for, **1754**
Geomagnetic storms,
analysis of, effect of earth's rotation in, **163**
Chapman-Ferraro theory of, **2572**
dipole-field-type, related to auroral forms, **2192**
dynamo theory of, **888**
electrojet current systems due to field distortions in, **2574**
electron-bombardment of atmosphere at sudden commencement of, **2573**
equatorial, daytime enhancement of sudden impulses in, **860**
estimation of size of hollow in corpuscular stream causing, **1155**
field changes and earth currents due to, **2944**
high-latitude, ionospheric currents deduced from, **3749**
hydromagnetic wave theory for, **4102**
influence of sunspots on, **2191**
negative phase related to ring currents at 4 earth radii, **2946**
polar, hydromagnetic theory of, **1503**
related to auroral motions, **198**
propagation of sudden impulses from high to low latitudes, **1833**
solar corpuscular showers related to two types of, **2945**
sudden-commencements, rise times of, **162**
*sc**-type, high-latitude, explanation for, **3381**
theory of, **859**
Geomagnetism,
activity, distribution in Canada, **1156**
diurnal variation of *K* indices 1940–1948, on disturbed days, **4104,** on quiet days, **2576**
e.m. pulsations, correlated with upper-atmosphere phenomena, **1501**
field agitation at low and high latitudes, **2189**
field crochets caused by solar flare 15th Nov. 1960, **3380**
field deformation in solar wind, **539**
field disturbances, electric currents observed in auroral zone during, **4103**
due to nuclear explosions, **861, 1154**
effects of Argus experiment measured at French stations, **2571**
field fluctuations at a.f., **541**
field geometry for Faraday-effect experiments, **540**
field interaction with solar corpuscular radiation, **858**
field micropulsations, analysis of Australian recordings of, **3748**
at different latitudes, **1832**
radiations from ionospheric current relating to, **2575**
at widely spaced stations, **4126**
world-wide characteristics of, **1502**
field observations, by cosmic rocket, **545**
at Hallev Bay, **542**
field variations in relation to outer atmosphere and radiation belts, **4100**
12th–16th Nov. 1960, **4101**
field vector analysis of, evidence of hydromagnetic waves from, **2188**
lunar and solar tide variations in equatorial region, **2190**
S_D current system in terms of acceleration of auroral particles, **1500**
scale-height concept applied to, **1507**

Hall effect, (See also Semiconductors)
applications of, **293**
device for measurement applications, **302**
measurement at microwave frequencies, **1960, 1961**
probes, Ge and InSb, sensitivity of, **2731**
Hearing,
directional, energy theory for stereophonic systems based on, **388**
electroacoustics in relation to, **1389**
monaural temporal masking in, binaural interaction tests for, **1060**
noise sensation in, pulse experiments on, **3223**
pitch of periodic pulses in, **1058, 1059**
signal detectability in interpreting psychophysical data, **387**
stereoaudition in, location tests on intensity-type system for, **10**

Image converters,
for high-speed photography, **1282**
ultrasonic, using electron reflection from quartz crystal in magnetic field, **2445**
Image intensifiers,
electroluminescence applications for, **4322**
Image intensifiers, large-field, wide-range, **3975**
panel with two-colour input and output, **735**
Impedance,
measurement at a.f., **1605**
Insulating materials, (See also Dielectrics)
Al oxide, tunnelling current in films of, **1956**
e.m. properties of, **1955**
Interference, (See also Noise; Reception)
adjacent-channel, direct, mechanism for, **3142**
from corona and precipitation in v.h.f. reception, aerial screening for suppression of, **3531**
from ignition systems, comparison of measuring equipment, **3141**
measurement of, 0·15–3 Mc/s, portable instrument for, **2736**
probability data for mobile field radio derived from field-strength survey at 59 Mc/s, **3140**
r.f., in multichannel f.m. telephony, **1299**
suppression, on Swiss Post Office vehicles, **1627, 2358**
on vehicles with petrol engines, **2359**
Interferometers, (See also Radio astronomy)
microwave, with coherent background, **3114**
mm-λ, high-resolution, **307**
Ionosphere, (See also Atmosphere; Earth satellites; Wave propagation, e.m.)
above 150 km, formation and structure of, **1840**
absorption in, during auroral and geomagnetic pulsations, **1516**
automatic method for measurement of, **187**
coefficients from pulse-amplitude measurements and field-strength recordings, **4117**
coincident with geomagnetic pulsations, **2206**
cosmic-noise measurements in Athens related to solar activity, **4123**
determination from vertical-incidence pulse amplitude measurements, **4130**
height estimation from recovery times, **4121**
I.G.Y. measurements at Kokubunji, **2211**
measurement method using earth-satellite transmissions, **2600**
oblique-incidence and riometer methods for, **1853**
riometer measurements in Canada, 12th Nov. 1960, **4122**
variations measured at Waltair, **4278**
vertical-incidence measurements at 3·4 Mc/s on, **1852**
winter anomaly in, **2592**
related to air density variations, **2587**
year-to-year changes of, **2976**
Yamagawa f_{min} data on, **871**
artificial heating and ionization by cyclotron resonance in, **2599**
back-scatter from, magnetic-field effects on, **2213**
observations at 440 Mc/s, **188**
critical frequencies, analysis of f_{min} data at Kokubunji, **173**
current systems associated with solar flare effects, **4124**
D_1 and D_2 layers, as separate absorption levels, **883**
D and F_2 layers, lunar semidiurnal variation of, **866**
D region, diffuse echoes related to auroral-zone absorption and v.h.f. scatter, **2598**
ionization loss rates below 90 km, **2588**
Lyman-α radiation in ionization of, **4114**
origin of, **1165**
damping coefficient of vibrating electrons in, **178**
diffusion in, **3768**
disturbances, during cosmic-ray increases, **1169**
following solar flare, **555**
storms, atmospheric waves associated with, **2962**
sudden reflected-wave and cosmic noise data on, **175**
travelling, vertical characteristics of, **1844**
12th and 16th Nov. 1960, **4118**
drifts in, analysis of 3·8-Mc/s fading records of spaced receivers for, **2357**
anisotropy effects in, measurements of, **1166**
determination from radio-star scintillations, **4120**
measured at Halley Bay, **564**
horizontal, over Delhi, **870**
recorder for, **2974**
statistical analysis of scintillation data on, **3398**
statistical theory of, **174**
E region, critical-frequency variation with solar activity, **2207**
disturbances in, **867**
e.m. perturbations and other anomalies, **2955**
ionization correlated with solar r.f. emission, **1147**
ionization enhancement due to solar flares during I.G.Y., **1170**
lunar variation of virtual height above Fribourg, **3769**
recombination coefficient of, **1510**
vertical drift during geomagnetic disturbances, **2208**
X-ray absorption in, **2201**
E_s-layer, effects of nuclear explosions on, **2970**
equatorial, geomagnetic disturbance effects in, **1514**
formation in temperate zones, **179, 1511**
ionization mechanism, **869**
irregularities in, **2957**
nonblanketing, theory of, **3770**
occurrence and movement of, **2202**
role of irregular layers in formation of, **2956**
transparency of, **868**
effects of nuclear explosions on, **1513**
electron content, from earth-satellite Doppler measurements, **183, 184**
earth-satellite Faraday-fading determination of, **2595**
during magnetic disturbance, **1515**
moon-echo observations of, **189, 190**
electron content and distribution determined from earth-satellite transmissions, **185**
electron density determination from Doppler shifts at harmonic frequencies, **4128**
electron density of, determination from Faraday effect using rockets, **560**
measurements by r.f. impedance probe, **2594**

Ionosphere, electron density of profile correction from extraordinary-ray analysis of nighttime $h'(f)$ records, **1845**
profile estimation, **552**
rocket measurements of, **2199**
e.s. fields in, theory of, **3393**
in equatorial regions, **4115**
F region, analogue computer for solution of continuity equation, **4135**
bifurcation data, **550**
critical frequencies, station-to-station correlation of, **2975**
diffusion equation for, influence of neutral-air motion on, **1847**
electron-density data from rocket measurements, **882**
electron-density variations related to geomagnetic micropulsations, **559**
electron and ion density distributions, **872**
equatorial, height of nighttime irregularities in, **4129**
local reduction of ionization due to missile transit in, **2596**
magnetic effects in, **2971**
movements during bay disturbances, **1848**
nighttime, law of electron loss for, **3771**
nighttime observations of, **3395**
photoionization heating in, **3394**
pre-sunrise phenomena and negative ions in, **551**
protonosphere coupling with, **2978**
rocket measurements of electron density in, **3399**
solar-eclipse effects at sunrise on, **557**
solar-flare effects in, **2969**
spread echoes from, correlation with geomagnetic activity, **1849**
equatorial, **879, 2960,** correlation of height changes and magnetic activity, **3772,** 50-Mc/s scattering associated with, **2590**
geomorphology of, **878**
mechanism of, **1168**
nocturnal and seasonal variations of, **4119**
study of ionograms showing, **553**
whistler data relevant to, **1171**
at sunrise, **2203, 2204**
travelling disturbances, association with E_s ionization, **177**
velocities of, **3396**
over Waltair, **2205**
F_1 layer, diurnal variation of drifts at Waltair, **2959**
solar-eclipse effects on, **558**
variations of, **2958**
F_2 layer, bifurcation and irregularities of, **876**
critical frequencies, correlation with K index of previous day, **4125**
world maps of, **2589**
drift velocities in, vertical, **3397**
electron diffusion near magnetic equator, **877**
electron production rate in, **873**
formation of, Léopoldville-Binza data on, **875**
lunar tide near geomagnetic equator, **1167**
maximum electron density in, theoretical world curves for, **1846**
M.U.F. relation with solar activity, **880**
rocket measurement of ion concentration above peak of, **3400**
variations of height of maximum electron density in, (D)**874**
field-aligned irregularities in, verification of permanent form using incoherent scatter, **1842**
geomagnetic micropulsations at widely spaced stations related to, **4126**
Halley Bay data on, **563**
height calculation method, **2591**
real height calculation from, **2964**
$h'(f)$ integral equation, solution of, **2966**
hydromagnetic waves in, **881**
incoherent scatter technique for investigating, **1841**
ion-atom interchange in, **3390**
ion composition from rocket flights, **4127**
ion density in, rocket measurements of, **1850**
ion-neutral reactions in, **1838**
ionograms, automatic scaler for, **2972**
ionosonde records, logarithmic frequency spacing in analysis of, **186**
irregularities in, height variation of anisotropy and drift velocity of, **2961**
interpretation in terms of atmospheric gravity waves, **1843**
movement of, back-scatter investigation of, **2212**
scintillation of r.f. sources due to, **180**
layer formation in, extensions of Chapman theory of, **3392**
longitude and latitude effects measured on antarctic voyages, **2200**
magnetic-storm effects, fading of vertically reflected waves, **4133**
13th Sept. 1957, **3773**
model for variations of air density in, **1839**
$N(h)$ profiles, technique for calculation from $h'(f)$ curves, **1509, 2963**
outer, atmospheric density distribution from satellite observations, **3389**
conference on, Washington, May 1960, **191**
density model from earth-satellite acceleration data, **182**
electron densities in, determination using Explorer VI, **193**
determination from whistler data and Faraday fading, **194**
estimation from nose whistlers, **1519,** (D)**4138, 4139**
profiles based on Faraday fading of 1958 δ_2, **1512**
rocket measurements of, **181, 192**
plasma theory for incoherent scatter from, **3391**
polar, absorption effects of solar flares in, **2977**
solar activity correlated with, **2601**
solar-flare effects on, **4136**
polar blackouts, statistics of occurrence of, **1854**
twilight effects in, **1517**
7th July 1958, **1173**
Ionosphere, polar-cap absorption in, importance of NO formation during, **554**
reflections below 50 km during, **4137**
polar disturbances, solar-particle energies involved in, **562**
probe for, short-aerial, **4134**
recombination reactions in, **172**
reflection heights and properties above Tsumeb, **4116**
refractive index of, approximations for, **4277**
general expression for, **2965**
review for 1960, **1518**
satellite-borne ionosonde and telemetry system for electron density measurements, **3388**
scale-height, generalization method for, **1507**
variations in, **1508**
solar activity index, **2967**
solar eclipse effects on, back-scatter experiments on, **556**
Garchy data on, **2593**
sounding, active h.f. spectrometers for, **2209**
echo height recording in, **3402**
true-height determination in, **2973, 3403**
reduction of interference in, **561**
selection of echo signals in, **2597**
vertical-incidence, Doppler, **1851**
sunrise effects in propagation of atmospherics by, **884**
sunspot-number relation with E-region character figures for, long-term variation of, **2968**
temperature determination by incoherent-scatter technique, **176**
turbulence at 100 km in, Na trail observations of, **3774**
Ions,
emission and absorption at semiconductor surfaces, **1458**

Lenses,
microwave, configuration-type, for rapid scanning, **2858**
cylindrical, with nonresonant slotted waveguide feed, **431**
Luneburg-type, spherical, theory of, **430**
Light,
velocity determination from microwave absorption in O_2, **1814**
Loudspeakers,
array for enhanced realism, **1399**
electrodynamic, with totally active surface, **3235**
improvement, based on time-varying capacitance problem, **1432**
test methods for, **2072**
Luminescence, (See also Electroluminescence; Phosphors)
recombination, relation to conductivity under nonisothermal conditions, **1880**

Magnetic effects, (See also Hall effect)
Corbino disk applications, **1137**
direction dependence of crystal properties in theory of, **2322**
galvanomagnetic, transverse, associated with open orbits in metals, **1891**
magnetoresistance, in metals, quantum theory of, **2531**
magnetostriction, directional effects in, **840**
in rings and rods, **3498**
Magnetic fields,
cosmic, force-free, **1489**
energy of, determination of, **2543**
external to open-structure devices, **2158**
galactic, transference of angular momentum in, **843**
interplanetary, steady component of, **1140**
of Jupiter, **844**
measurement of field-strength distribution of, induction-probe/microscope arrangement for, **3508**
plotting method using electrical analogue, **667**
probe for measuring distribution in pulsed discharges, **668**
pulsed, low-pass filter network for production of, **2544**
uniform, for optical investigations of ferromagnetics, **1256**
> 15 kG, superconducting solenoid for, **1795**
Magnetic properties,
abrupt transition in $MnSn_2$, **3887**
anhysteretic remanence of recording tapes, **655**
definition of dipole moment and charge in theory of permanent magnets, **1466**
of Fe_3P, **3072**
of Heisenberg magnets, **1467, 1468**
of impure NiO, **270**
induction measurement, by Hall-effect devices, **4255**
by maser-type oscillator, **301**
of Mn_3O_4, **646**
susceptibility of materials for cryogenic apparatus, **4242**
susceptibility measurement in strong pulsed fields, **1962**
Magnetism,
conference on, **114, 1935**
Magnetization,
anisotropic, magnitude and temperature dependence of, **1470**
polarizability of short conducting cylinder, **1794**
of recording tape, theory of, **3493**
of rods, **2542**
Magnetohydrodynamics,
reflection and refraction of waves in ionized gas, **4102**
Magnetometers,
angle probes for harmonic method, **3507**
filter- and difference-type probes for harmonic method, **1608**
head characteristics for harmonic method, **1271**
terrestrial-field, using nuclear paramagnetic resonance, **1000**
turbine-type, for design of focusing systems, **1001**
Masers. See Amplifiers, maser.

Mathematics,
analytical representation of characteristics of nonlinear two-poles, **2323**
Boltzmann's equation, spherical-harmonic expansions of, tensor-scalar product for, **1265**
characteristic equation of 3rd degree, 'natural' normalizations for, **3892**
computational problems of Hilbert matrix, **4244**
equation curl curl v = grad div $v - \Delta v$, range of validity of, **1596**
Fourier integrals, simplification of, **3088**
generalized Padé approximation, **995**
graphs with two kinds of elements, **3091**
Kron method of solution by 'tearing', **289**
Laplace transformation, one- and multi-dimensional, **3894**
theorem for discontinuous functions, **3893**
Laurent-Cauchy transforms for linear systems, (D)**994**
least-squares data smoothing, technique for, **3092**
matrices, general form of multiple products, **660**
methods of linear network analysis, **3271**
operational calculus, alternative method of solution of linear differential equations, **2728**
application in information theory, **1597**
partition theory and associated transform methods, **3499**
Pierce-Cauchy equation, stability of solutions of, **288**
polynomials, minimum positive, **285**
theory of continued fraction for determining zeros, **661**
power series expansion of master equation, **4245**
prolate spheroidal wave functions in signal analysis, **1598, 1599**
Riccati's differential equation, solutions of, **287**
statistical method of moments for time and frequency functions, **2324**
Sturm-Liouville equation, canonical and Hamiltonian formalism applied to, **286**
symbolic logic, Boolean-algebra and Venn-diagram applications, **3891**
Taylor-Cauchy and Laurent-Cauchy transforms, (D)**1266**
Taylor-Cauchy transforms for varying parameter systems, **3090**
z-transform theory, complex convolution integral in, **1267**
Measurements, (See also individual subjects)
a.c., accuracy attained in, **3098**
of a.c. resistivity of Si, 4-point probe for, **4252**
automatic checking and recording equipment for missile and aircraft systems, **2729**
automatic determination of imaginary part of network functions, **674**
on balanced circuits at mλ, errors due to losses in, **1270**
calibration console for μV range at Boulder, Colorado, **1603**
on coaxial lines up to 4 Gc/s, **4253**
of complex ratios, by goniometer, **2330**
of complex voltage ratio, **304**
of conductivity and dielectric constant without contacting electrodes, **2734**
correction formulae for, **292**
digital techniques for, **2732**
field mill for atmospheric potential gradients, **672**
of galvanomagnetic effects in semiconductors, **4248**
goniometer systems for h.f., **297**
of ground constants, using 2-wire transmission line, **1269**
Hall-effect devices for, **302**
Hall generator applications for, **293**
of loss and phase in transistors and 2-port networks at 5–250 Mc/s, **3109**
of low reflection coefficients at h.f., **3900**
magnetic balance for susceptibility differences, **999**
microwave, on ferrites and concentrated electrolytes, **3898**
techniques for, signal-flow method of analysis of, **306**
of microwave field distributions, by scattering methods, **663**
Nyquist diagram tracer, for a.f., **2329**
electronic, **4258**
of resistivity and Hall coefficient, circuit for, **997**
reverberation chamber for sound and e.m. waves, **1393, 1715, 2325**
r.f., precision coaxial connector for, **2737**
standardization of, U.T.E. work on, **3897**
standardization of strong e.m. fields, u.h.f. equipment for, **1274**
of transfer-function of linear and nonlinear components, **3111**
on transmission-line ring hybrid, accessories for range 20–30 Mc/s, **4259**
waveguide elimination of mismatch errors in, **1611**
Metals, (See also Conductors; Ferromagnetic materials)
impurity resistance in, many-body technique for calculating, **1117**
influence of electron viscosity on infrared absorption of, **819**
influence of Peltier effect on resistance welds, **659**
normal and superconducting, frequency-dependent Hall effect in, **2255**
resistance of, influence of ferromagnetic resonance on, **4175**
resistance variation at low temperatures related to galvanomagnetic effect, **1204**
resistivity at low temperatures, **4174**
theory of electron-phonon interaction in, **4172, 4173**
Meteors,
ablation in atmosphere, **3746**
echoes from, importance of trail radius on height distribution of, **856**
fading of radio waves reflected from, **1017**
height-distribution study of fragmentation, **853**
height variation of, **854**
radar observations of, latitude dependence in, **4095**
showers, incident flux determination, **857**

Meteors, showers, southern-hemisphere activity in July and August, **852**
sporadic, persistent radar echoes from, characteristics of, **3376**
radio echo measurements of orbits of, **1151**
southern-hemisphere survey of, **158**
tracking equipment and investigations in Florence, **3373**
trails, attachment processes in, **3375**
height variation of ambipolar diffusion coefficient for, **2941**
line densities from radio echo data, **3374**
long-duration radar echoes from, explanation for, **3377**
radar echoes from head of, **4096**
rough, analysis of echoes from, **2940**
volume density of radar echoes from, **1016**, **3378**
volume density of reflection points for forward-scatter links, **3379**
velocity calculated from c.w. echo diffraction, **1152**
velocity measurements from c.w. recordings in Ottawa, **3747**

Meters,
electrometer, vibrating-capacitor design for, **3510**
phase, h.f., for linear accelerator, **3906**
square-law, network theory for calibration of, **669**
voltmeter, digital, electronic, **1003**
using voltage/time converter, **2738**
pulse-sampling, for transistor testing, **3509**
10mV–10V, 500c/s–1Gc/s, using servo feedback techniques, **3903**
wattmeter, multiphase, based on magnetoresistance effect in semiconductors, **1613**
wavemeter, high-Q for mm λ, **1005**

Microphones, (See also Transducers)
calibration, in diffuse field, **1397**
reciprocity method for diffuse sound field, **2836**
in terms of pressure, **1398**
condenser-type, pressure response at low ambient pressures, **1718**
solution of varying-capacitance problem for, **1432**
ultrasonic, for stereophony tests on models, **2455**
crystal, ADP, high-frequency calibration of, **13**
gradient-type, noise suppression in, **3233**
tubular, directional array of, **1717**

Miniaturization,
microcircuit technique using epitaxial Si, **2866**
power dissipation problems in, **1425**
solid-state device aspects of, **765**
techniques for, **787**, **2865**
thin-film multilayer construction for, **3264**

Modulation,
broadcasting systems, analysis of frequency distribution of power in, **690**
distortion of f.m. signals in linear systems, **95**
frequency, distortion products with white-noise modulation, **486**
mathematical treatment of power in, **4293**
measurement of frequency deviation in, **3506**
white-noise, r.f. spectra of, **691**
integrator, using saturable-core reactors, **3317**
pulse, in presence of phase distortion, **2365**
pulse-code, techniques of, **2004**

Modulators,
p-i-n-type, as controlled attenuator for mm and sub-mm λ, **485**
rectifier-type, constant-resistance network analysis for, **3318**
elimination of even-order harmonics in, **2142**
modulation products and effect of feedback in, **2143**
ring and double-push-pull type, matching of, **3703**
ring-type, design and characteristics of, **483**
with integrated filters, **3704**
operation as frequency divider, **1115**
using voltage-variable capacitors, **1453**

Molecular systems,
collective excitation of electrons in degenerate bands in, **2176**
conference on many-particle problems, **841**
effective electron mass in, generalized formula for, **1487**
electron levels in one-dimensional random lattice, **1139**
field-modified energy bands in, anomalous currents in theory of, **4080**
random-phase approximations in many-body problem, **2928**
spin configurations in, **131**
spin-lattice relaxation in noncubic crystals, **3888**
spin susceptibility of electron gas, **1138**
variational approach to correlation in electron gas, **2929**

Moon,
radar measurement of cislunar electron density, **536**
radio echoes from, using bistatic radar, **1150**
effect of surface on, **4155**
intensity evaluation of, **2187**
sideband correlation with Echo data, **2953**
surface roughness derived from, **2186**
theory for, **537**, **3372**
temperature measurements at 3200 Mc/s, **3739**

Navigation aids, (See also Direction finders; Radar)
airborne, Doppler c.w. mapping system for, **895**
aircraft, automatic landing system, B.L.E.U., **1525**
controlled h/d flight path system for Australian d.m.e., **3785**
instrument-landing-system localizer, improving accuracy of, **1178**
mechanical modulator for landing-guidance system, **577**
correlation techniques applied to, **3783**
d.m.e. system, Australian, pulse-duration coding for, **3417**
Doppler, evaluation of, **2611**
Gee, new assessment of, **1862**
inertial systems in space vehicles, **4152**
infrared scanners for airborne reconnaissance, **1524**
marine distress beacon, **2989**
progress report on German developments in, **2437**
Rana, ionospheric effects at long range in, **2610**
Navigation aids, transit satellites, instrumentation and telemetry system, **4151**

Networks, (See also Circuits; Filters)
active, multipole, transformerless, synthesis of, **2883**
n-port, RC, synthesis of, **1438**
two-terminal, equivalent wave source for, **2487**
all-pass, analysis of, **66**
analysis, by digital computer, **2120**
analysis of harmonic relation of Hilbert transformation to, **59**
branched, coupling-free, analogue representation of, **2111**
Gauss's principle of least constraint applied to, **1455**
generalized, quadratic invariances of, **1433**
impedance-transformation, wide-band, cascaded, **3272**
iterative, for coupling oscillator circuits, **1103**
ladder, Tchebycheff-type, design of, **71**
linear, analysis of, review of methods for, **3271**
low-pass, transient processes in, **68**
matching, component variation in, recursive method for, **454**
gain-bandwidth optimization in, **69**
multipole, coupled, graph theory for analysis of, **3667**
coupling of, scattering matrix for, **2500**
equivalent networks of, **79**
interconnected, scattering matrix of, **1753**
negative resistor as circuit element in, **2501**
nonlinear-reactance, power conversion in, **3268**
n-port, synthesis procedure for, **4037**
quadripole, analysis of, calculus of deviations applied to, **2875**
asymmetric, cascaded, single-quadripole representation of, **2878**
calculation of transfer function from transmission factor, **2114**
cascaded, matrix of, **2115**
elliptical functions for synthesis of, **3661**
ladder-type, calculation of transfer impedance in, **3269**
linear, coupling, propagation coefficient of, **1745** with lossy elements, **67**
microwave characteristic impedance of, graphical method for, **1746**
negative-feedback, stability criterion for, **4028**
non-ideal gyrators in, **2491**
nonreversible, cascade connection of, **2879**
RC, distributed, tapered, **3662**
energy relations for, **2490**
signal flow graphs for calculations on, **788**
synthesis procedure for, **789**
RC, correction of phase distortion in, **75**
synthesis methods for, review of, **448**
2-terminal, d.c., law of small variations applied to, **2488**
extension of Cohn's theorem for, **2110**
functions for synthesis of, **1429**
linear, energy relations in, **1100**
lossy, impedance functions of, realizability conditions for, **2489**
nonlinear, analytical representation of characteristics of, **2323**
negative-resistance, differential, reactive component in, **2873**
RC, properties of, **449**
reactance, time-varying, power/frequency relations in, **2874**
transformerless, realization by program-controlled computer, **2112**
$2n$-terminal, scattering matrix normalization for complex impedances in, **3270**

Noise, (See also Atmospherics; Radio astronomy; Solar radiation; Sound)
generators, using discharge tube in coaxial line, for 200-Mc/s band, **3503**
measurement of amplitude and phase of, **3097**
measurements, in Delhi area, **3924**
in microwave range, methods for, **3502**
in range 50 c/s–5 kc/s, voltage comparator for, **3501**
power spectra determination by Fourier analysis, **2733**
probability law determination by sampling method, **2763**
random, theory of amplitude distribution of, **3923**
sources, gas-discharge, calibration for 4 mm λ, **2326**
Gaussian, sampling technique for, **2331**
thermal, determination of Boltzmann's constant from, **2529**
in dissipative media, **2145**

Oscillations,
in nonlinear circuits, matrix calculus applied to, **3660**
self-oscillation in transmission line with tunnel diode, **3669**

Oscillators,
a.f., phase-shift, voltage-tuned, using SiC varistors, **3672**
crystal. See Resonators, piezoelectric
frequency-modulated, synchronization of, servo-mechanism methods applied to, **792**
frequency regulation system for K-band klystron, **80**
h.f., as selective a.f. amplifier, **793**
i.f., for s.s.b. receivers, **2132**
impulse-governed, techniques of, **1756**
locked, 2-circuit, **3673**
microwave, for I.E.N. Cs frequency standard, **1757**
multivibrator, astable, frequency control of, **2129**
bistable, tunnel-diode, trigger operation of, **3675** using one tunnel diode, **1761**, (D)**4041**
change-over process in, **1441**
Eccles-Jordan, using transistors, for high-speed counters, **1760**
using emitter-coupled transistor, **794**
using tunnel-diode pair, **3677**
with 4 stable states, using tunnel diodes, **2884**
negative-resistance, additional modes in, **3281**
Oscillators, nonlinear, spectrum broadening by thermal noise in, **3670**
parametric, pull-in range and gain of, **2126**
phase control systems for, **81**
phase-controlled, pull-in frequency of, **3280**
Pound-stabilized, frequency modulation of, **1755**
RC, Wien-bridge circuit for 10 c/s–10 Mc/s, **4039**
regenerative, coherent and narrow-band operation of, **2502**
relaxation, pulse synchronization of, **1440**
transistor, as Schmitt trigger, **1106**
tunnel-diode, **1762**
voltage-variable capacitors for, **3282**
subharmonic, parametric, switching time of, **460** with two ferromagnetic cores, **2125**
parametron, with linear dissipation, analysis of, **3278**
transistor, analysis of modes in, **4042**
β-phase-shift, **462**
polyphase, h.f., **2130**
transitron-type (phantastron), plate voltage control of frequency of, **1758**
using transistors, **1759**
tunnel-diode, bistable systems of equations for, **4038**
crystal-stabilized, **4040**
univibrator, tunnel-diode, pulse discrimination circuits using, **2885**
valve, polyphase, **791**
pulling effects in, **3671**
stable, analysis of, **461**
variable-frequency, voltage-controlled, using switched capacitors, **1105**

Paramagnetic materials,
alloys, theory of resistance minimum in, **1592**
Cr-doped TiO_2 for maser action, **283**
interaction of microwave ultrasonic vibrations with spins in, **1951**
$K_3Co(CN)_6$, etching patterns on, **991**
maser, relaxation rates determined by pulsed double-resonance experiments on, **2726**
theory of cross-relaxation in, **4239**
microwave modulation of light in, **1469**
ruby, amplification of 9·3-Gc/s ultrasonic pulser by maser action in, **3494**
attenuation of ultrasonic vibrations by spin-phonon coupling in, **1952**
cross-relaxation and concentration effects in, **2727**
energy spectrum of, effect of configuration mixing and covalency on, **3085**
light emission from, effects observed in, **657**
splitting of emission lines by electric field in, **3495**
sapphire, polarization effects at high temperatures in, **1591**
spin-phonon interaction in, **279**

Particle accelerators,
linear, ion optics for, **2752**
microtron, 29-MeV, design and construction of, **1971**
phasotron, circular, betatron oscillations in, **310**
synchrocyclotron, 600-MeV, CERN, **3517**

Particles,
charged, 'corkscrew' device for changing magnetic moment of, **2927**
energy losses in moving medium, **120**
time-average effects in a.c. fields, **1784**

Phase,
indicator, using moving-coil ratiometer, **675**
measurement, at a.f. and h.f., **4254**
for determining frequency stability of pulsed signals, **3108**
effect of nonlinear distortion in, **3901**
at h.f. by goniometer, **297**
at microwave frequencies, **298**

Phosphors,
Ca-Cd silicate, Pb- and Mn-activated, **3804**
CaS-Cu, Eu, electroluminescent, **915**
$CaSiO_3$-Sn, **1539**
cathodoluminescence of, rotating-screen system for studying, **913**
CdS, electroluminescence in, **1885**
low-temperature fluorescence in, **589**
polarization of edge emission in, **1195**
CdS and ZnS, polarization of fluorescence in, **907**, **908**
GaN, luminescence and photoconductivity of, **1198**
GaP, electroluminescence in, **1886**
infrared detectors based on, **3972**
luminescence of, decay times under ion bombardment, **212**
ion-bombardment effects on, **3424**
surface processes in cathodoluminescence and electron-bombardment-induced conductivity, **1883**
V-activated, excitation spectra of, **906**
(Zn,Cd)S, electroluminescence as function of excitation wavelength and pulse width, **4168**
(Zn,Cd)S-Mn, field enhancement in, **2629**
with X-ray excitation, **3004**
(Zn,Hg)S and (Zn,Cd,Hg)S, preparation and electroluminescence of, **1196**
ZnO, excitation by low-energy electron beam, **3006**
ZnO and ZnS, effect of α radiation on, **3425**
luminescence decay under ion bombardment, **213**
ZnS, effects of different activators and co-activators on fluorescence of, **909**
effects of infrared radiation on trapped electrons in, **2630**
electroluminescence in, at low direct voltages, **3005**
electroluminescence in pulsed single crystals, **1884**
electroluminescent, action of Ni and Co in, **2246**
electron and hole processes in, **2628**
impedance changes induced by light in, **3002**
infrared emission and electroluminescence of, **4167**

Phosphors, ZnS, powders, electroluminescence as disorder phenomenon in, **2245**
electroluminescent, varistor theory applied to, **1197**
structure of centres in, **1881**
vapour-phase growth and properties of, **1882**
ZnS and ZnS-Cu, fluorescence of, **910**
ZnS-Cu, In and ZnS-Ag, In, effect of CdS additions on, **911**
ZnS-Mn, cathodoluminescence of, influence of temperature on field enhancement and quenching of, **4166**
influence of excitation wavelength on electrophotoluminescence of, **590**
Photocathodes,
Bi-Ag-O-Cs, chemistry and physics of, **3579**
(Cs,Na,K)Sb, measurements on, **582**
CsSb, measurement of Cs partial pressure over, **3580**
Photocells,
amplifier, using electroluminescent cell, **1113**
diode, GaAs, **2420**
transient characteristics of, influence of surface effects on, **3191**
electron-multiplier, dynamic testing technique for, **736, 2035**
grid-controlled, **370**
using resistive strips, **4270**
response of, **4352**
Sb-Cs-Mg cathodes for, **2811**
Sb-Na-K cathodes for, **2812**
using Si dynodes, for ion detection, **4269**
Ge, reduction of optical reflection by blooming of, **3973**
grain-boundary, Ge bicrystals for, **3974**
measurements on, potentiometer circuits for, **1604**
for measurements of proton currents, **1973**
PbSe and PbTe, spectral response limit of, **1352**
PbTe, with controlled composition, **1351**
phosphor, as infrared detectors, **3972**
photoemissive, properties of applications of, **3190**
photometer, double-modulation system for, **1011**
photovoltaic, CdS, large-area, **2814**
CdTe, **2815**
I/V characteristics of, **2816**
Ge, junction-type response variation with magnetic field, **1677**
Si, for instrumentation and control, **1353**
spectral response of, **2813**
p-n-junction, theory of, **2037**
Si, energy diagram of, **2036**
transistor, Ge and Si, thermal effects on, **1354**
Photoconductive materials, (See also Semiconductors)
Ag-As-S alloys, measurements on, **1532**
anthracene, charge-carrier production in, **211**
carrier density fluctuations in, **1892**
CdS, absorption edge in, temperature dependence of, **903**
absorption spectrum of transition ions in, **4162**
anomalous photovoltaic effect in partly coated crystal of, **1876**
breakdown processes in, **1874**
capture cross-sections of shallow traps in, intermittent-light method for measurement of, **2998**
change of crystal structure due to evaporation, **2238**
characteristics of sintered layers of, **2236**
crystal growth and defects in, **4161**
crystal growth from vapour phase, **585**
crystal structure of, influence of annealing conditions on, **2241**
current noise and distributed traps in, **2999**
distribution of electrons in, **1191**
effect of mechanical surface treatment on, **2237**
electron-bombarded, p-type conductivity and infrared quenching in, **3802**
enhancement effects of infrared radiation on, **2619**
with excitation at absorption edge, **2240**
exciton motion in, observation of, **905**
exciton spectrum of, fine structure and magneto-optic effects in, **3000**
films, effect of O_2 on, **1877**
heat-treatment effects on, **2620**
influence of H_2 atmosphere on, **2239**
infrared response induced by pre-excitation of, **1194**
insulating crystals of, photojunctions formed by Cu diffusion in, **3803**
ion contribution to current at high temperatures, **2996**
low-field breakdown and conductivity characteristics at low temperatures in, **3423**
lux/ampere characteristics of, **2997**
majority carrier injection in, **904**
mechanism in, **1193**
noise processes in, **1189**
photoelectromagnetic effect in, influence of ambient conditions on, **2243**
pulse conduction in, effect of vacancies on, **4163**
sensitivity and response speed of, measurements on, **3801**
space-charge-limited currents in, **584**
spectral characteristics of, **1875**
influence of ambient gas on, **1190**
thermally induced conductivity in, **1192**
ultrasonic attenuation in, **4164**
CdSe, conduction mechanism in, **2621**
CdSe-Ag, electron-bombardment effects on non-equilibrium carrier lifetime in, **2622**
Cd(S,Se)-Cu, **1536**
CdS-type, with excitation near absorption edge, **2242**
CdTe, junctions, quantum efficiency under ultraviolet illumination, **2624**
optical properties in far infrared, **3001**
p-type, properties of, **1537**
surface layers on, **2623**
CdTe and ZnTe, films, **1188**
Cs-Bi and Cs-Sb films, secondary electron emission of, **1534**
Photoconductive materials, Cs-Sb films, measurements on, **1533**
films, high-voltage photo-e.m.f. in, **901**
GaS-GaSe, characteristics of, **586**
grain-boundary photocapacitors, response of, **581**
In_2S_3, **4165**
InSb, p-type, measurements of conductivity and photomagnetic effect in, **1878**
insulating, effect of photoexcitation on mobility in, **2234**
MgS, **2625**
PbO, properties of, **587**
PbS, films, hole mobility and crystal size in, **902**
structure and properties of, **1538**
temperature dependence of decay time, **1879**
PbSe, crystal growth from vapour phase, **2626**
films, high-stability, **2244**
photomagnetic effect in anisotropic cubic crystals, **2992**
Rb-Sb films, secondary electron emission of, **1535**
recombination constants of, determination from spectral characteristics of p-n junction, **1871, 2993**
S films, treated with Hg vapour, **2994**
Sb_2S_3, amorphous layers of, **2627**
films, light interference and internal photoeffect in, **3421**
Se, films, amorphous, characteristics of, **210**
ternary sulphides, **1872**
Ti and Nb oxide layers, properties of, **583**
wurtzite-type crystals, toroidal energy surfaces in, **588**
zincblende, piezo-optic and electro-optic constants of, **1186**
ZnS, films, dielectric properties of, **3007**
induced conductivity in, **2995**
photovoltaic effect in striated crystals of, **1873**
properties in polarized light, **2617**
ZnS-Cu, infrared enhancement and quenching of photocurrents in, **3422**
ZnSe and ZnTe, properties of, **1187**
ZnSe-CdSe, spectral distribution of photoeffect in, **2618**
Photoconductivity,
of complex inorganic materials, **209**
field-effect modulation of, **1182**
in microcrystalline powders, mechanism of, **1181**
Photoelectric effects,
optical absorption by photoexcitation in solids, theory of, **3705**
photovoltaic, power calculation based on Carnot cycle, **96**
Photoelectric emission,
from multi-alkali cathodes, temperature dependence of, **2616**
of thin metal films, **1183**
Photoemissive materials,
alkali antimonides, **1184**
Bi-Cs, surface sensitivity variation with temperature, **3800**
influence of band bending in, experiments on Cs-coated Si for investigating, **2235**
Na-K-Sb system, phases in, **1185**
Phototelegraphy,
high-speed system with electronic scanning, **3949**
meteor-burst system for, **3550**
narrow-band system for, improved slow-scan technique in, **1647**
vestigial-sideband system for, **3158**
Piezoelectric materials, (See also Quartz)
ADP, elastic constants of, **2646**
$BaTiO_3$, depolarization charge of, **2253**
effect of pressure on properties of, **2252**
cancrinite, temperature dependence of properties of, **2647**
ceramic, measurement of coupling coefficient and Q-factor of, **222**
electromechanical coupling factor of, approximate calculation of, **2645**
Rochelle salt, ferroelectric anomaly in, **3815**
Plasma,
anisotropic, instability region in propagation of hydromagnetic waves in, **3327**
boundary-value problems involving, **4068**
collective motions due to magnetic interaction in, **3718**
complex conductivity of, **2911**
compression waves in static magnetic field, **112**
coupling mechanisms for longitudinal and transverse waves in, **3330**
cyclotron absorption of e.m. waves in, **1125**
cylindrical, diagnostic method for, **2536**
decaying, pulse conduction measurements on, **2151**
diamagnetism of, resonance techniques for investigating, **2913**
diffusion across magnetic field, **2156**
diffusion coefficient and drift velocity in, formulae for, **823**
disturbances produced by moving body in, **3714**
electron densities in, microwave techniques for measurement of, **2155**
electron density determination, based on group velocity, **1461**
with simultaneous measurement of confining magnetic field, **1462**
electron density and distribution in, determination of, **2534**
electron density fluctuations in, **1459**
electron energy distributions in, **493**
electron-ion oscillations in, longitudinal, **825**
electron synchrotron resonance in, spectrum of, **2538**
in e.m. field, non-centred Maxwellian solutions for, **496**
e.m. fields of dipole in, **2159**
e.m. interaction of charged-particle beam with, **2154**
e.m. radiation at 9600 Mc/s from, **1122**
e.m. sub-mm radiation from, Zeta experiments on, **2915**
e.s. sound-wave modes in, **3329**
Plasma, filamentary current produced by parallel magnetic field in, **3710**
forces on charged particles in cavity resonator, **105**
gyro-resonance absorption of e.m. waves in, **1802**
high-frequency, d.c. probe investigation of, **1790**
hypersonically produced, e.m. wave propagation through, **1124**
effect of strong fields on, **1123**
inhomogeneous, anisotropies induced by electric field in, **4066**
interaction of electron beam with, **1792, 1793**
backward-wave microwave oscillations from, **2540**
interaction of fast electron beam with longitudinal waves in, **3712**
in magnetic field, complex h.f. conductivity of, **108**
density fluctuations in, **3719**
diffusion effects, **822**
electron oscillations in, **1126**
theory of, **2917**
transport coefficients of, **2535**
magnetized, e.m. energy conversion mechanism in, **2914**
influence of electron density on propagation in metal waveguide, **2541**
measurement of electron density in, apparatus for, **495**
multicomponent, fluctuations in, **3328**
ion resonances in, **824**
nonlinear phenomena in e.m. field, **1464**
nonuniform, oscillations in magnetic field, **110**
r.f. forced oscillations in, **106**
ohmic heating of electron gas in, **1120**
origin of backward wave in, **1121**
oscillations of, longitudinal, instability in, **1791**
in magnetic field, Landau damping and frequency spectrum gaps in, **3717**
nonlinear, **104**
time-dependent, **4067**
in weak magnetic field, **109**
quiescent, generation and measurement techniques for, **2152**
radiation due to Cherenkov effect in, **4069**
resonance effect in r.f. probe, **107**
rotary magnetic polarization in, measurement of electron density by, **494**
sheath-type, microwave heating of, **2539**
sheet-type, in periodic magnetic field, stability of, **1127**
space dispersive properties of, **3711**
in static magnetic field, oscillations in, **2916**
statistical mechanics and magnetohydrodynamics of, **3716**
synthesized, space-charge instabilities in, **1460**
transport properties in strong magnetic field, **111**
waveguide propagation in, influence of Langmuir layer on, **2157**
weakly ionized, enhanced diffusion and oscillations in, **3331**
Power,
measurement, at 3 cm λ, transverse-film bolometers for, **1275**
100–200-Gc/s water calorimeter for, **3513**
spectrum estimation by direct digital method, **3505**
Power supplies, (See also Batteries; Converters; Generators)
review of unconventional methods for, **1642**
smoothing of, transistor ripple filters for, **3549**
solar-cell, analytical function for, **1643**
balance limit of efficiency of, **2380**
communication-satellite, methods for avoiding radiation damage in, **3942**
effect of series resistance on, **2782**
GaAs, high-efficiency, **2381**
losses and efficiency of processes in, **2011**
photoemissive, **2783**
Si, photovoltaic effect due to X and γ rays in, **337**
spectral response of, **3155**
space-vehicle, **3943**
theoretical response curves for, **3941**
for space vehicles, **4314**
optimum capacitor charging for, **2784**
pulse, 500-μs, 30-kW, for plasma research, **2010**
for Tiros I meteorological satellite, **2780**
variable-frequency, regulated, 50 c/s–2 kc/s, **1641**
40-V, 5–200-A, for large electromagnets, **3157**
50-c/s, precise frequency control of ship's rotary converter, **2379**
1–2-kV, stabilized, for photomultipliers, **3154**
Pulses, (See also Circuits; Generators)
height/width conversion of, two-transistor circuit for, **3678**
nsec, generation at X-band frequencies, **2508**
8- and 11-Gc/s, harmonic generation of, **2507**
rectangular, for distortion tests on transmission systems, **3284**
selection method for accurate l.f. timing marks, **3290**

***Q*-factor,**
measurement equipment for mm-λ circular-waveguide systems, **3504**
Quantum theory,
of complex refractive index, **1116**
Quartz, (See also Resonators)
crystal polishing for v.h.f., **593**
impacted, piezoelectric characteristics of, **2254**
piezoelectric coefficient calculation for finite strain, **3816**
Q-factor measurement equipment, **2506**
thickness-shear-mode (RT-cut), **4171**
ultrasonic oscillations at 3500 Mc/s in, **2831**

Radar,
aerial calibration by solar noise, **781, 897, 898**
aircraft identification beacon system, **1869**
altimeters, **1526**
operation over snow or ice, **2612**
principles of, **578**
bandwidth compression using storage capacitors, **1527**
c.r. tubes for scan-conversion and display, **2054**

Radar, c.w., f.m. ranging system, (D)2613
frequency stability in, 579
displays, alphanumeric 3797
p.p.i., combined, 1866
rotating-coil, nonlinear effects in, 2991
transmission system for frequency-band compression of, 2615
remote, using microwave links, 2230
scan conversion system for brightened image in, 1529
electronically scanned receiving system for, 2614
integration technique for, improving threshold detection in, 2990
marine, shore-based Elbe-Weser system, 1530
monopulse, for airborne ice and snow measurements, 2231
instrumentation for, 3795
observation of sea-breeze front by, 1870
picture transmission, bandwidth compression and storage-tube design for, 1864
pulse, paired echo theory for distortion in, 4158
superregenerative, 3794
pulse-compression system for, 580
matched-filter analysis of, 2229
pulse Doppler, detection range predictions for, 3796
magnetic-core circuits for data extraction in, 3265
receiver sensitivity with parametric amplifier, 2228
satellite-tracking, project Echo, 3799
scattering, cross-sections for bodies of revolution, 899
cross-section of hail, 1531
effect of nonuniform dielectric coatings on cross-section of sphere, 900
secondary, surveillance-type, design considerations for, 3793
sequential detection system for, 4159
signal/noise ratio data in, application of digital computer for, 1528
simulator, analogue, for search system, 4157
terrain return in, dependence on polarization and depression angle, 208
at near-vertical incidence, 1180
statistical models for, 1179
tracking systems, delay-lock discriminator for, 4156
techniques of, 1868
Van Atta arrays in, a.m. technique for, 1865
3-dimensional, review of techniques for, 3419
Radiation,
e.m., from charged particle, in waveguide, 830
from charged-particle beam passing waveguide, 3982
by charged particles in plasma in magnetic field, 3335
Cherenkov, from charge moving above interface, 501
from charged particle in moving medium, 120
in dielectric-tube waveguide, 2920
for dipole moment in dispersed medium, 3334
from dipole moving along channel in dielectric, 502
from electron moving into vacuum, due to longitudinal waves, 3721
in ferrite, from charged particle with magnetic moment, 1796
for generating mm and sub-mm waves, 119
in plasma, 4069
from fast particles in magnetic materials, 3338
field of magnetic current ring in bounded space, 513
induced and spontaneous, in coherent field, 515
infrared, tunable source using beats between optical masers, 3733
microwave, hazards of, 2433
industrial and biological aspects of, 764
from optically pumped Cs cell, 516
mm-λ, coherent, from electron-beam annihilation, 3722
from plasma in magnetic field, 3336
nuclear, effect on electronic components, 380
Radio astronomy,
cosmic noise, absorption measurements at 27·5 Mc/s, 1142
anomalous winter absorption of, 137
measurements at 3·8 Mc/s on satellite 1960η1, 2566, 3737
measurement techniques at Bangalore for 28·6 and 62 Mc/s, 3736
observations at 18 Mc/s in Hawaii, 1491
interferometer for measurement of size of r.f. sources, 1817
in Italy, 3363
measurements in, review of, 3358
measurement techniques in, 3359
radar echoes, from planets, theory for, 3372
from Venus, determination of solar parallax by, 2567
radiometer for, digital-type, 3115
receiver for, 75-cm-λ, results obtained with, 1816
r.f. emission, from Andromeda nebula, observations at 38 and 178 Mc/s, 2178
from Cygnus Loop, 2931
from galactic background, linear polarization in, 1819
galactic coordinate system based on, 848
galactic spectral index, 4081
intense spur in galactic plane, 1490
from Jupiter at 15–34 Mc/s, related to solar activity, 1146
from Perseus cluster, 2935
from Saturn at 3·45 cm λ, 135
from Venus, brightness temperature of, 2933
from Virgo-A, 9·4-cm observations of, 3367
21-cm, for determining principal galactic plane, 847
r.f. sources, Cassiopeia-A, secular variation of flux density, 1492, 2932
variations in amplitude scintillations, 136
catalogue for declinations $-20°$ to $-50°$, 1815
Centaurus-A, interferometer observations at 21·6 and 31·3 cm λ on, 3742
Cygnus-A, scintillations of, 4088
Radio astronomy, r.f. sources, u.h.f., amplitude scintillations of, 522
Cygnus-A and Cassiopeia-A, spectrum below 30 Mc/s, 133
diameters of, 524
diffuse, direction-finder for, 1818
distant, significance of angular measurements on, 1824
extragalactic, brightness distribution measurements at 31·3 cm λ on, 3740
identification of, 850
at galactic latitudes $>20°$, 2562
Hercules-A, interferometer observations at 178 Mc/s on, 3741
Jupiter, correlation with solar phenomena, 523
at dm λ, 2934
spectrum of, 4083
lunar occultation of, 3362
observations at 3·2 cm λ on, 2558
observations at 9·4 cm λ at Pulkov observatory, 3361
related to optical magnitudes of galaxies, 2563
scintillations of, correlation of storm-time variation with auroral echoes, 846
correlation in two hemispheres, 845
statistical analysis of, 1493
at 53 Mc/s in auroral zone, 4082
surveys of, using aperture-synthesis technique, 2557
comparison of, 2556
at 38 Mc/s, 1145
r.f. switching and hybrid ring circuits for, 2485
techniques in, 3357
telescopes, circular arrays for, 3638
using crossed-grating interferometer, 1078
interferometer at R.R.E., 3360
Malvern, 45-ft, 1084
Mills' cross, Sydney, 134
7·9-mm-λ, at Mullard Observatory, 2177
60-ft, ruby maser for, 2521
Radio links,
for broadcasting and television services in Spain, 2770
cm-λ, Czech, 1308
f.m., switching systems for, 1307
FM120/2200, 120-channel, 2-Gc/s, 3150
harmonic distortion coefficients of, derivation of, 2772
microwave, international standardization of, 2775
multiplex, nonlinear distortion due to line reflections in, 694
p.ph.m., 60-channel, 2774
p.p.m., for 5 broadcasting channels, 2771
p.w.m., multiplex, with f.m. of carrier, 1309
R/T, i.f. section of 7-channel equipment, 2007
terminal equipment for independent-sideband operation, 2371
R.T.F., design principles for, 4308
telemetry and remote-control applications of, 2373
tropospheric-scatter, multichannel, using diversity reception, Start Point—Galleywood, 2372
2-Gc/s, transhorizon, Berlin–West Germany, 3538
200-km, West Berlin, 1635
7-Gc/s, miniature, 330
Radiosondes,
details of, 677
for direct measurement of radio refractive index, 886
Reactors,
saturable, ampere-turn gain as d.c. instrument transformers, 3655
Receivers, (See also Television)
a.f.c. systems for, effect of noise on, 3929
a.m., parasitic oscillations in transistor circuits in, 1629
a.m./f.m., Swiss, 2363
domestic, component reliability in, 3171
f.m., low-noise input circuits for 100 Mc/s 68
v.h.f., requirements for, 2362
frequency-sweep, voltage-tuned, for solar studies, 2361
interference susceptibility of, 2766
microwave, with zero i.f., 2767, 3928
m-λ, artificial aerials for measurements on, 1276
monitoring, using gas-discharge noise source, 1025
panoramic, increase of dynamic range of, 2360
project Echo, 3926, 3927
pulse, noise suppression in, for measurement of meteor rates, 2003
for radio astronomy, 1816
radiometer, digital-type, for cosmic-noise measurements, 3115
sub-mm-λ, detection system for, 3143
X-band, using reflection-cavity maser, 2364
s.s.b., phase-locked oscillator for, 2132
superheterodyne, image response in noise-factor measurement, 4291
Reception, (See also Television; Wave propagation, e.m.)
analysis of random fading records of spaced receivers, 2357
of B.B.C. television sound transmissions at Halley Bay, 1626
diversity, multiple, performance analysis for frequency-shift keying, 1301
elimination of ionospheric refraction effects in, 4292
energy calculation for, 2761
frequency variation of WWV-20 over 4000-km path, 686
frequency-diversity, h.f., correlation measurements on, 4284
interference effects due to ionized layer around re-entry vehicle, 4286
m.f., field strength of ground wave in, Australian measurements of, 3530
microwave, effect of rain on noise level in, 1024
mixing of two noisy signals in, 1628
phase distortion of a.m. signals propagated via ionosphere, 4285
signal limiting effects on directivity of system using correlation technique, 1630
s.w., equipment for large stations, 4289
Reception, s.w., telegraphy, equipment for large stations, 4290
stereophonic, multiplex adaptors for compatible f.m., 4288
u.h.f. transhorizon, signal strength variation with rotating narrow-beam aerial, 2001
v.h.f., of satellite signals at 1900 miles, 2762
transhorizon, in Austria, 687
v.l.f., pick-up devices for, 2765
underwater, 1863
Recording, (See also Sound recording)
magnetic, analytical expression for write process in, 3939
core testing for code translator, 1319
digital, read-back simulation technique for, 1316
high-resolution ferrite heads for, 1314
optical read-out system for, 4313
using rotating mylar disk, 1315
magnetic-tape, accuracy in, 336
multitrack heads for, manufacturing tolerances for, 1032
outside-coil head for improvement at h.f., 3543
read-out system using electron beam, 1639
start/stop machine for tape handling, 1034
system design aspects of, 1033
tape handling by vacuum technique, 1035
television, analyser for, 3940
theory of magnetization process in, 3493
wide-band, for instrumentation data, 1031
transcription equipment for telemetry signals from Sputnik III, 1506
Rectification,
using bilateral nonlinear resistors, 1454
electrolytic, ion size effect in, 842
Rectifiers, (See also Semiconductors; Valves, crystal)
controlled, crystal-diode, for 250-kW pulse generator, 3547
crystal, power conversion gain and noise ratio in, 2800
electrochemical-diode, theory of, 2012
Se, analysis of d.c. characteristic of, 1317
construction and operation of, 3548
electrical parameters of, 3156
semiconductor, dissipation rating for transient loads, 2383
transient thermal impedance of, 2384
Si, commutation and destructive oscillation in, 3944
fatigue-free joints for, 3945
production and characteristics of, 4315
p-s_p-n, reverse characteristics of, 1037
Reflection,
from conductive films at oblique incidence, 2923
of e.m. waves from moving plasma in helix waveguide, 1132
Reflectometers,
for coaxial feeders, 2742
Refractometers,
balloon-borne, 400-Mc/s, 2334
microwave, airborne, Birnbaum type, construction and performance of, 3515
Regulators, (See also Stabilizers)
constant-current, for high-resistance loads, using GaAs photoresistor, 1318
d.c., for variable current with constant potential difference, 2385
voltage, for d.c. power supply, using two feedback loops, 338
transistor, design of, 339
overload protection for, 1645
Relativity,
general theory of, 2528
Relays,
for power supply, using Si-controlled rectifiers, 706
Resistors,
carbon-film, impedance values for, 1739
tin oxide, 2484
Resonance,
absorption, in ferromagnetics and antiferromagnetics, theory of, 2171
by rotating solid, 4073
atomic, hyperfine splitting of Rb-87, 1268
line widths in NH_3 spectrum, 835
coupling of spin system to tuned circuit, 1439
ferrimagnetic, longitudinal, 2172
parameter relations for measurements on, 2173
in 3-sublattice system, 499
ferromagnetic, free-precession signal decay due to magnetic grains, 2549
high-power, phonon generation in, 115
relaxation caused by interaction with thermally excited magnons, 2550
relaxation equations in, back-reaction term in, 2551
relaxation in insulators, 3349
stability in, technique for restoring, 1807
magnetic, angular variation of axial spin-Hamiltonian eigenvalues in strong field, 3732
double, detection method for, 2547
in solids, 3348
general spin-wave dispersion relations in, 1482
influence of coherent radiation field on, 1480
linear effect of electric field on hyperfine interaction in, 3731
modulation-effect corrections in, 129
magnetostatic modes in magnetized cylinders, 3350
magnetostatic modes and spin waves in, instability of, 3351
microwave, interaction between radiation field and atomic system, 515
modulation effects in recording spectra of, 837
nuclear, oscillator for, 1–10V, 1808
quadrupole, in antiferromagnet, 3070
frequency shift by electric field in, 3729, 3730
optical maser action, condition for, 1809
of Cr^{3+} in Al_2O_3, 1810
in gas discharge, 1812
in two ruby satellite lines, 1811
paramagnetic, absorption lines in, calculation of second moment of, 1136
in Cr corundum, spin-lattice relaxation in, 1953
of Cr^{3+} in Y_3O_3, 3497

Resonance, paramagnetic, crossover transitions in, calculations of, **1135**
cross-relaxation in dilute systems, **839**
cross-relaxation effect of Cr and Fe in $K_3(Co,Cr,Fe)(CN)_6$, **656**
cross-relaxation rate in maser materials, **2925**
electron, of Mn in TiO_2, **1593**
of Gd^{3+} in Al_2O_3, **3496**
in $K_3Cr(CN)_6$, spin-lattice relaxation in, **280**
line structure and measurement of moments in, **836**
microwave Zeeman effect of free OH radicals in, **2924**
in noncubic crystals, rotational properties of spectra, **993**
relaxation in, role of phonons in, **3352**
in ruby, cross-relaxation in, **282**
spin-lattice relaxation times at 34·6 Gc/s, **992**
relaxation in, **1954**
spin-lattice relaxation in, theory of, **2552**
spin-lattice relaxation times in sapphire and rutile at 34·6 Gc/s, **1594**
of V^{3+} in Al_2O_3, pulsed-field measurement of zero-field splittings, **1484**
of V^{4+} in TiO_2, **281**
phonon emission leading to maser action in, **2926**
spectral-line broadening in, functions for, **3728**

Resonators,
cavity, bandwidth measurements by phase-shift method, **453**
coaxial, temperature compensation of, **63**
cylindrical, with radial vanes, analysis of, **4026**
design data for maximum Q-factor, **1431**
forced oscillations in, **1101**
frequency response and time delay of, **1743**
improving frequency stability of, **64**
measurement of Q-factor of, effects of parasitic modulation in, **3105**
perturbation theory for, **450**
rhumbatron-type, design of, **65**
rutile, **452**
sets of eigenvectors for, **500**
size effect of ferrite sphere in, **2113**
strongly coupled, theory of, **451**
TE_{11}-mode, containing semiconductor, characteristics and applications of, **1102**
travelling-wave, analysis of, **4027**
multimode, confocal, for optical and mm-λ masers, **2174**
optical-maser, modes in Fabry-Perot interferometers for, **2175**
piezoelectric, ceramic, filter design using, **2124**
as i.f. transformers, **2123**
electrodes for, **62**
100-kc/s, adjustment of frequency and temperature coefficient of, **291**
quartz, AT-cut filter crystals for 0·7-60 Mc/s, **1430**
excitation by parallel field, **2128**
servo system for locking to standard frequency, **996**
vibration theory for nonuniform plates, **60**
1-kc/s–100-Mc/s, manufacture and development of, **3674**
2·5-Mc/s, ultraprecise, **61**
plane and paraboloidal mirrors as, measurements at 3·2 cm λ on, **2919**

Scattering, (See also Diffraction; Sound; Wave propagation, e.m.)
of acoustic and e.m. waves, back-scattering cross-sections of circular disks, **3342**
of e.m. waves, back-scattering cross-section, of infinite ribbon, **1131**
of infinite strip, **3345**
bistatic, by metal shapes with absorbent coating, **3347**
by concentric infinite cylinders, **4072**
from conducting cylinder with surrounding shell, **2165**
by grating, **2166**
by magnetically contained plasma, **123**
microwave, from cylindrical plasma, **3727**
multiple, by stack of dielectric slabs, **2546**
near-zone back-scattering from large conducting spheres, **2922**
by opaque object, **2921**
by plasma, **124**
by spheres, effect of surface roughness, **834**
surface-type, by discontinuity on right-angled wedge, **3346**
transmission coefficient for system of parallel slits, **510**
by unidirectionally conducting infinite strip, **2164**
of light, by nonspherical particles, microwave analogue for, **1803**

Screening,
of transient e.m. signals, by thin conducting sheet, **118**

Semiconductors, (See also Photoconductive materials; Transistors; Valves, crystal)
absorption edge in, effect of magnetic field on, **933**
added-carrier transport problems in, method for solution of, **3819**
$AgFeTe_2$, **2686**
properties of, **3014**
Ag_2S, Ag_2Se and Cu_2Se compounds, crystal structure and properties of, **1924**
Ag_2S and Ag_2Se, Brillouin zones, chemical bonds and conduction mode in, **1925**
$AgSbTe_2$, anomalous Hall effect in, **956**
structure of, **955**
thermal conductivity of, **4192**
Ag_2Te, degeneracy in, **2687**
films, conduction in, **2688**
AlP, preparation and properties of, **1572**
AlSb-InSb system, conductivity and Hall effect of, **957**
amplification by carrier motion in, **2298**
Auger effect in, effect of phonons on, **4176**
Auger recombination in, one-dimensional overlap functions applied to, **3019**
Semiconductors, Ba titanate, for thermistors **3051**
binding energy and band-gap energy relation for diamond and zincblende structures, **4178**
Bi_2Se_3, properties of, **3063**
Bi_2Te_3, crystal growth by Czochralski method, **3469**
infrared Faraday rotation and free-carrier absorption in, **625**
low-temperature properties of, **255**
piezoresistance in, theory of, **1243**
Bi_2Te_3 and Sb_2Te_3, dislocation nets in, **624**
breakdown in, criterion for, **2655**
carrier-concentration changes as bulk effect in strong fields, **2257**
carrier-density fluctuations in, **1892**
carrier transport with space charge in, **3821**
CdAs, n-type, galvanomagnetic properties of, **3053**
$CdIn_2Se_4$-type, energy band structure of, **1896**
CdO, films, conductivity mechanism related to absorption and dispersion in, **1231**
CdS, contacts on, ohmic, **250**
space-charge oscillations in, **249**
CdSb, anisotropy in electrical properties of, **1232**
$CdSnAs_2$, preparation and properties of, **2287**
charge carriers in, effects of strong electric fields on, **226**
complex conductivity of, **2911**
compounds, $A^{II}B^{V}$, physical properties of, **2259**
$A^{III}B^{V}$, dangling bonds in, **1208**
free-carrier absorption due to polar modes in, **925**
thermal expansion and bonding problems in, **1556**
amorphous, properties of, **3021**
binary, stability limits of, **2260**
diffusion in, **2690**
mineral, atomic radius and activation energies in, **1552**
minerals as prototypes for, **2656**
ternary, lattice parameters of, **3432**
thermal conductivity of, **930**
conference on, **600**, **2060**
conference on purification techniques for, **3862**
contacts on, metal, capillary alloying technique for, **3890**
ohmic, nature of, **2652**
surface potential under, **2653**
crystals, doped, growth of, floating-crucible technique for, **2695**
Cu_2O films, conductivity change with e.s. charge, **251**
single-crystal, high-temperature conductivity of, **3054**
current distribution in cylindrical samples, **1553**
detection of mm- and sub-mm-wave radiation by free-carrier absorption in, **3023**
diamond, optical and electrical properties of, **3048**
diamond-type, Auger neutralization of ions at surface of, **3020**
surface structures and properties of, **2658**
diffusion-controlled field instabilities in, **227**
diffusion-controlled growth rate of spherical precipitation for, **225**
diffusion of minority carriers in magnetic field, **2661**
diffusion and vacancy formation in, calculations on, **3018**
dislocation acceptors in, occupation statistics of, **224**
distribution function for optically liberated carriers in, **818**
doped, discrepancies between band model and tunnel-diode characteristics, **4201**
heavily, solubility of flaws in, **597**
doubly injected, volume-controlled two-carrier currents in, **1893**
doubly injected long p-i-n structures, I/V characteristics of, **1898**
effective mass of free charge carriers in, infrared absorption method for, **2650**
electron capture in, cascade-type, **598**
electron-phonon interactions in, **2146**
impurity conduction of, **223**
etching of, micro-masking technique for, **3017**
Ettingshausen effect in, theory of, **932**
excess carriers in, decay of, **2258**
excited by X-rays, measurement of decay times of, **928**
Faraday effect due to free carriers in, **229**
Faraday rotation in, interband, **3024**
field-effect measurements on, thermal shutter phenomenon in, **2297**
in transverse magnetic field, **934**
field-effect modulation of photoconductivity for evaluating carrier properties, **1182**
films, diffusion of donors in, field-enhanced, **3830**
epitaxial, interference method for thickness measurements on, **2662**
tunnelling-current measurements on, **3435**
fluctuation noise in space-charge regions in, **2698**
free-carrier absorption due to impurities in, **926**
GaAs, band structure and electron transport in, **1573**
crystal growth of, **253**
diffusion of Cd in, **960**
diffusion of Sn in, **3461**
distribution coefficient of Zn in, **1574**
influence of As pressure in doping with Ge, **959**
measurements of dielectric constant of, determination of effective ionic charge from, **3460**
scattering current carriers in presence of strong degeneracy, **1926**
space-charge currents in, **1233**
thermal conversion in, **252**
GaAs and InAs, electron effective masses in, **2289**
GaAs-InAs alloys, electrical and optical properties of, **1927**
for galvanomagnetic applications, **1904**
galvanomagnetic effects in, Gauss-effect measurements up to 2 Gc/s, **3829**
influence of conductivity gradients on, **3025**
quantum theory of transverse conductivity, **3827**
theory of, **3828**
Semiconductors, GaP, carrier concentration and hole mobility in, **958**
electroluminescence and photovoltaic effects in, **916**
preparation and floating-zone processing of, **3851**
GaSb, band structure of, optical investigation of, **3055**
conduction-band structure of, **2288**
distribution coefficients of impurities in, **3056**
n-type, properties of, **2689**
thermomagnetic properties of, **1235**
GaSb-InSb alloys, electrical properties of, **1928**
temperature variation of optical energy gap in, **4193**
Ga_2Te_3, effect of solid solution with $A^{II}B^{VI}$ tellurides, **1234**
Ge, absorption in, electric-field-induced modulation of, **3838**
absorption of light in, **2677**
absorption spectra and Zeeman effect of Cu and Zn in, **614**
acoustic-mode scattering of holes in, matrix elements for, **3451**
alloying and wetting problems in, **1220**
anisotropic Hall coefficients in, **1571**
anodic oxidation of, **3839**
Auger electron ejection from, effects of adsorption and bombardment damage on, **3457**
avalanche breakdown in, optical radiation from, **1565**
photon emission from, **1566**
breakdown at low temperature in, **4191**
conductivity fluctuations at low frequency in, temperature dependence of, **2274**
conductivity of grain boundaries in, **4188**
crystals, dendrite growth processes in, investigation using pulse electroplating techniques, **3840**
dislocations and growth of etch pits in, **2685**
formation of dislocations in, **1917**
grown from hollow seeds, **244**
orientation-dependent dissolution of, **944**
regrowth from In melt, **3037**, **4190**
resistivity striations in, **2276**
current oscillations with pulsed electric field in, **611**
cyclotron resonance in, **3039**
cyclotron-resonance measurements of energy-band parameters of, **4187**
diffused impurity layers in, **1221**
diffused layers in, average conductivity as function of surface concentration in, **2281**
diffusion of Ag, Co and Fe in, **2279**
diffusion of As in, thermoelectric measurement of coefficient of, **3842**
diffusion of H_2 in, **1228**
diffusion of In in, controlled process for, **947**
donor concentration at surface of diffused n-type layer on p-type crystal, **1920**
doped, with As, solvent evaporation technique for tunnel-diode crystals, **951**
with Au, generation-recombination noise in, **3040**
with Cu, infrared investigation of acceptor levels in, **1225**
with Fe and Zn, susceptibility of, **618**
with O_2, kinetics of donor reactions in, **3455**
with Sb, additional spin resonance spectrum in, **949**
electron spin resonance spectrum of, **619**
low-temperature conduction and magnetoresistivity of, **612**
valley-orbit splitting in, **1224**
doped heavily, I/V characteristics of, **1227**
properties of, **4189**
drift mobilities at low temperature in, **1567**
elastic moduli of, **3041**
changes with doping in, **3837**
electrodes, anodic dissolution of, **620**
electron-hole scattering and minority-carrier mobility in, **2278**
excess noise related to surface trapping in, **2675**
exo-electron emission of, **239**
Faraday effect for direct magneto-optical transitions in, **3044**
films, on Ge, **3459**
Hall effect and conductivity of, **2283**, **3458**
interaction with O_2 at low temperature, **2284**
photoemission of, I/V characteristics in, **1921**
textural properties of, **3047**
galvanomagnetic effects in impurity-conduction range in, **3045**
grain boundaries in, current flow across, **2681**
grain-boundary effects in, **2275**
Hall-coefficient sign reversal in, **2683**
Hall-mobility measurement by microwave method, **1961**
hot carriers in, **1219**
hot-electron nonequilibrium carrier distribution in, **3038**
impact ionization avalanches in, noise increase during, **3849**
impurity concentration in, determination of, **2676**
impurity conduction in, effect of shear on, **613**
impurity conductivity at low temperature, **941**
interaction of high-energy phonons in, **615**
interaction of hot electrons in, **1919**
irradiated, impurity conduction in, **243**
mobility of, defects in, **2684**
irradiated by neutrons, drift mobility in, **242**
irradiated by 2-MeV electrons, recombination centres in, **3046**
junctions, imperfections in, plating method for viewing, **1916**
p^+n-type, slow decay of reverse current and noise in, **3847**
$1/f$ noise and channel formation in, **2699**
light modulation by electric field applied to, **3043**
magnetic susceptibility of holes in, **2277**
magnetoresistance in, longitudinal, **3845**, **3846**
minority-carrier lifetime in, determination from noise measurements, **2651**
effect of lead treatment on, **1918**

Semiconductors, doped, noise due to recombination in defect range, **3848**
noise measurements for impact ionization range 5–10°K, **1564**
n-type, neutron-bombardment effects on, **3456**
optical constants in range 0–27eV for, **3452**
photoconductivity in, interband, **617**
photoelasticity measurement mount for, **610**
photomagnetic effect in, anisotropic, **2682**
photomagnetoelectric effect in, spectral distribution of, **241**
pressure dependence of direct energy gap in, **1915**
properties in strong electric field, **942**
p-type, carrier recombination in, effect of linear dislocations on, **3033**
carrier scattering mechanism in, **3032**
negative photoconductance effect in magnetic field, **3042**
recombination at Cu and Ni centres in, **3843**
susceptibility of, **948**
transverse Nernst effect in, phonon component of, **950**
recombination of electrons and donors in, **1568**
recombination of excess carriers at twin structures in, **2280**
recombination noise in defect range, **2674**
reflectivity of, effect of temperature and doping on, **3844**
reversed carrier transport effect in, **616**
saturated with GaSb, **1569**
scattering of hot carriers in, **943**
solubility of O_2 in, **1570**
spin-orbit interaction in, optical observation of, **240**
strained and unstrained, exciton and magneto-optical effects in, **945**
surface breakdown in strong fields, **2679**
surface kinetics of reaction with I_2, **4185**
surface states on, changes with electron bombardment, **2282**
fast, effect of constant electric field on, **2680**, influence of wet and dry ambients on, **3841**, kinetics of, **3034**
surface states on high-purity crystals, **946**
surfaces, adsorption of Cl, on, **4186**
thermal conductivity of, **1222**
in range 80–440°K, **2678**
thermal resistance at low temperature in, **3453**
X-ray scattering factor for, **3454**
X-ray transmission factor of single crystals of, **3035**
Ge and Si, Auger electron ejection from, **233**
cyclotron resonance and negative-mass effects in, **3440**
diffused layers in, thickness measurement technique for, **3094**
electron-phonon matrix elements in conduction theory of, **4180**
field emission from desorption technique for improving, **3438**
films, photovoltages in, **3831**
preparation of, **1909**
impurity segregation during preparation of, **2266**
interstitial impurities in, solubility of, **1907**
magnetic susceptibility of defect electrons in, **232**
microwave Faraday effect in, **1562**
O_2 adsorption on, **3439**
photoemission of, **1908**
polarizability of free carriers in, **1906**
p-type, influence of deformation on properties of, **2265**
Ge, Si and InAs, magnetic susceptibility of electrons in, **231**
Ge and Sn selenides and tellurides, **2659**
Ge and W_2C, field emission characteristics of, **2296**
Ge-In junctions, impurity concentrations in recrystallized alloy regions of, **3036**
Ge-O_2 system, donor equilibria in **1229**, **2285**
GeSe, properties of, **245**
Ge-Si alloys, conductivity and Hall effect in, **1922**
indirect transitions in narrow junctions of, **1923**
magnetic susceptibility of, **3049**
thermal conductivity at low temperatures, **3050**
graphite, de Haas-van Alphen effect in, **1212**
Hall-field relaxation at high frequency in, **603**
Hall mobility in, influence of interelectronic collisions on, **1895**
HgSe and HgTe, band structures and scattering mechanisms in, **954**
high-resistance, apparatus for measurement of galvanomagnetic effects in, **4248**
hot-electron effects in microwave fields, **3817**
impact ionization in, kinetic theory of, **1548**
impurities in, multilevel, statistics of, **1226**
impurity conduction in, empirical relation for, **927**
at low concentrations, **1207**
mechanism of, **3820**
impurity states in axially symmetric crystals, **1894**
InAs, magnetoresistance oscillations at microwave frequencies in, **2290**
magnetothermal effects in, **2291**
Voigt effect in, **1236**
InAs and InP, infrared cyclotron resonance in, **3852**
InAs and InSb films, vapour-deposited, **4198**
InAs, In(As,P) and InSb, Hall constant and electron mobility in strong magnetic fields, **1237**
InAs-$InTe_2$, optical and electrical properties of, **3462**
infrared absorption in electric field **2649**
infrared absorption by free carriers in, lattice scattering effects in, **3825**
inhomogeneous, bulk photoeffects in, **1900**
injected holes and electrons in, determination of numbers of, **1549**
InP, band structure of, optical investigation of, **3057**
p-type, properties of, **4194**
InSb, anisotropic segregation in, **3853**
anisotropy of resistance change with growth conditions, **4196**
carrier lifetime in, **1930**
crystals, growth twins in, **2292**
Semiconductors, In,Sb, crystals, melt-grown, orientation-dependent distribution coefficients in, **1929**
cyclotron resonance at high magnetic field strengths in, **3059**
diffusion coefficient of Zn in, **4195**
doped with Te, galvanomagnetic properties of, **1241**
electron-hole current pinching in, **2691**
electron radiation damage in, recovery of, **4197**
galvanomagnetic effects in, influence of magneto-conductivity discontinuities on, **3061**
infrared cyclotron resonance in, **3058**
junctions, anomalous barrier capacitance of, **622**
grown, preparation and properties of, **2293**
lattice absorption bands in, **1238**
magnetoresistance and Hall effect in, **3060**
magnetoresistance in quantum limit, **1240**
magnetoresistivity of, Corbino-disk measurements on, **3857**
n-type, conductivity and magnetoresistance at low temperature, **961**
impurity photoconductivity in, **963**
quadratic deviations from Ohm's law in, **1575**
p-type, 3-band model for galvanomagnetic effects in, **1931**
photoconductivity in, oscillatory, **3856**
pinch effect in, **3854**
preparation and photocell performance of, **3855**
Sb edge dislocations in, **3465**
thermal and electrical measurements on, **3464**
transport effects in, **962**
tunnel current in, effect of Landau levels on, **1239**
InSb-In_2Te_3 alloys, electrical and optical properties of, **1242**
In-Sb-Te, properties of, **2294**
In_2Te_3 solid solutions with Sb_2Te_3 and Bi_2Te_3, **3463**
interaction of electrons with acoustic waves in, **228**
intrinsic, interaction of electrons and holes with acoustic waves in, **3823**
ion emission and absorption at surfaces of, **1458**
ion motion in, theory of, **594**
junctions, as particle detectors, measurement of coefficient of charge collection in, **256**
in temperature gradient, **1550**
thermoelectric effects in, **1902**
L_x-$Ni_{1-x}O$, energy-level scheme for, **1897**
liquid, electrokinetic effects in, **2700**
magnetic moments in, long-range interactions between, **3016**
magnetoelectric and thermomagnetic effects in, **2660**
magneto-optical absorption in, interband, line shapes of, **230**
magneto-plasma resonance in, **931**, (D) **1903**
many-valley, hot-electron effects in, **599**
interaction of conduction electrons with acoustic waves in, **601**
measurement of carrier lifetime by microwave method, **4251**
measurement of microwave resistivity by contactless method, **2730**
measurement of mobility by microwave method, **4249**, **4250**
measurement and recording of resistance using logarithmic and hyperbolic amplifiers, **3102**
measurement of resistivity of, a.c. bridge for, **3103**
by eddy-current method, **3861**
measurement of resistivity and Hall coefficient in, circuit for, **997**
measurement of susceptibility of, magnetic balance for, **999**
measurements of thermal e.m.f. of, **3101**
mobility in, effects of carrier-carrier scattering on, **1551**
field dependence of, **595**
integral equations for calculating, **924**
NaSb, preparation and properties of, **2286**
negative-resistance effects in, conditions for, **4177**
negative resistance and hot electrons in, **3324**
noise in, influence of diffusion and surface recombination on, **2299**
as queuing problem, **3064**
nondegenerate, Faraday effect in, **3826**
nonpolar, electron-electron scattering and transport phenomena in, **3818**
optical absorption of, treatment of impurity scattering in, **607**
optical absorption and recombination radiation in, **1206**
organic, tetracyanoquinodimethane, **966**
oscillations induced by longitudinal magnetic field in **3433**
oxide, effect of high pressure on, **1901**
p-type, split, low-temperature transport in, **1223**
PbS-type, thermoelectricity measurements on, **953**
PbSe, Hall coefficient and conductivity measurements on vapour-grown crystals, **965**
PbTe, *n*-type, oscillatory magnetoresistance in, **1932**, **2694**
p-type, de Haas-van Alphen oscillations in, **3466**
phonon scattering by bound electrons in, **3822**
photomagnetic effect in, measurement of, minority-carrier lifetime based on, **929**
photomagnetoelectric effect and photoconductivity in, **1557**
photothermal effect in, **3022**
polar, h.f. conductivity of, **2654**
potential curves for, **2261**
recombination of charge carriers in, **2256**
resonance absorption in magnetic field perpendicular to plane of 'extremum loop', **1209**
resonance measurements on strained crystals, applications of, **2262**
resonance transfer of ionization energy in, **923**
$Sb_xBi_{2-x}Te_{3-y}Se_y$, electronic properties and chemical bonds in, **3468**
scattering of electrons by phonons and impurities in, **3431**
Se, dielectric measurements on, **935**, **1905**
doped with Br, dielectric relaxation in, **4179**
hole mobility in, **1210**
Semiconductors, Se, influence of Tl and TlCl on conductivity of, **2263**
space-charge-limited current flow and deep traps in, **3436**
Si, α-trapping centres in, **2668**
Au-induced climb of dislocations in, **1217**
bonded wafers of, residual thermoelastic stresses in, **2271**
crystal growth by Czochralski method, **3442**
crystals, dislocation reduction in, **3833**
diffusion coefficient of B in, **939**
diffusion of Li in, effect of ion pairing on, **235**
at high temperature, **236**
at low temperature, **234**
diffusion of minority carriers injected at point on, **3443**
diffusion along small-angle grain boundaries in, **4182**
doped, mobility determination from radiochemical and conductivity measurements, **1559**
doped heavily, impurity effect on mobility in, **3029**
effect of Au on properties of, **1913**
electrodes of, saturation currents in, **4183**
electrolyte junction with, capacitance measurements on, **238**
electron-bombardment effects on, **3031**
electron mobilities and tunnelling currents in, **1558**
field emission from, two types of characteristic in, **1561**
g-factor and valence spin-orbit splitting in, **3448**
grain boundaries in, **4181**
heat-treatment centres in, **2667**
heat-treatment effects on, **2669**
heat treatment effects on recombination in, **2670**
impact ionization of impurities in, **2270**
impurity absorption of light in, accuracy of variational method for, **2666**
impurity conduction in, **2269**
infrared absorption by free charge carriers in, **1914**
ionization coefficients for electrons and holes in, **938**
irradiation defects in, **2671**, **2672**
annealing of, **2673**
junctions, anomalous surface channels in, **609**
Esaki-type, excess tunnel current in, **2272**
hot-electron emission from, **3835**
light emission and microplasma phenomena in, **1213**
metal precipitates in, **608**
phenomena related to, **3028**
p-n-n, forward characteristics of, **3836**
vacuum-cleaned, experiments on, **3030**
l.f. conductivity due to hopping processes in, **3834**
Li-B interaction in, **3446**
Li-O interaction in, **3445**
long-term variations of field-effect in, **940**
measurement of a.c. resistivity of, 4-point probe for, **4252**
measurement of resistivity and lifetimes in, r.f. bridge technique for, **3449**
microplasma instability in, theory of, **3444**
optical constants in range 1–10 eV, **936**
oxygen in, **1216**
p-type, infrared absorption of electrons in, **3027**
plastically deformed, magnetoresistance of, **237**
precipitate particles in, identification by electron diffraction of, **1214**
preparation by nuclear transmutation, **3441**
recombination radiation under strong field conditions in, **2268**
resonance in, cyclotron, valence-band parameters from, **605**
resonance absorption of acceptors in, **606**
resonant spin-spin interaction in, **604**
scattering anisotropies in, **937**
scattering of conduction electrons by lattice vibrations in, **1560**
spin-lattice relaxation of donor electrons in, **1215**
spin resonance of electrons from donors in, **1912**
'split *p*-type', acoustic-mode mobilities in, **1911**
surface changes due to H_2 and O_2 adsorption on, **2664**
surface photovoltaic effect in, carrier lifetime measurement by, **2665**
surface potential measurement on, **3447**
surface properties of, **2663**
surface states on cleaved crystals, **1910**
thermal expansion at low temperatures in, **2267**
ion migration and nonlinear properties of, **1218**
SiC, junctions, electron-microscope studies of emission from, **2273**
grown, **1563**
lattice absorption bands in, **4184**
measurement of minority-carrier lifetime in, electroluminescence method for, **3450**
Si-Co, properties of, **2692**
Sn, grey-type, magnetoresistance of oriented crystals of, **3858**
SnO_2, for heating applications, **2693**
SnS, infrared reflection spectrum of, **4199**
preparation and properties of, **964**
SnSe, doped with Sb, properties of, **2295**
surfaces, determination of carrier mobility and density in, **1205**
space-charge calculations for, **596**
Te, dislocation effect in, **1211**
films, variation of mobilities with thickness in, **3437**
infrared absorption and structure of hole band in, **3026**
pure and *p*-type, magnetic susceptibility and galvanomagnetic effects in, **2264**
thermal conductivity of, measurements of, **602**
thermally stimulated conductivity in, **2648**
for thermoelectric power generation, **2747**
thermoelectrically cooled probe for determination of type of, **1899**
Ti sesquioxides containing V ions, **1576**
TiO_2, electric strength of, **3467**

Semiconductors, TiO, magnetic susceptibility of, **1248**
nonohmic transition in, **3859**
nonstoichiometric, anisotropic conduction in, **623**
thermoelectric measurements on, **3860**
ultrasonic measurement of elastic moduli of, **254**
TiO_x-VO_x solid solutions, magnetic susceptibility of, **1249**
Ti_2O_3, p-type, conduction in, **4200**
$TlSe$, properties of, **3062**
trapping levels in, effects on photoconductivity and carrier lifetime, **3015**
tunnelling in, in presence of magnetic fields, **3434**
theory of, **1554**
many-particle, **1555**
vitreous, oxide-type, properties of, **2657**
volume recombination of excess charge carriers in, photoconductance measurements of, **3824**
ZnO, exo-electron emission of, **248**
piezoresistivity of, **621**
reactions of Li as donor and acceptor in, **952**
ZnS-type, crystal bonding in, **247**
variation in width of *forbidden zone* in, **246**
ZnSb, anisotropy in electrical properties of, **1230**
ZnTe, resistivity and Hall coefficients of stoichiometric and doped samples of, **3850**
ZnTe-CdS junctions, electrical properties of, **3052**

Servomechanisms, (See also Control Systems)
aerial steering system for project Echo, **3937**
for balloon-borne telescopes, **4312**
dual-input describing-function technique for, extension of, **704**
with magnetically detented motors, digital test equipment for, **335**
for speed control of d.c. motors, **1312**
stabilization method for eliminating backlash effects in, **701**
switching functions for minimizing error in, **703**
torque-limited, nonlinear error detector for improving response of, **702**

Signal generators, (See also Generators; Oscillators)
airborne, for h.f. communication band, **2127**
calibration of, equivalent source e.m.f. and available power in, **1272**
giving arbitrary phase difference independent of frequency, **2503**
microwave f.m., power stabilizer for, **671**
2–32 Mc/s, using transistors, **2735**

Solar activity,
effect on earth's rotation, **159**
flares, cosmic rays from, variations during July 1959, **2568**
4th May 1960, **2569, 2570**
delayed propagation of protons from, **2942**
noise and storm data propagation of, **538**
rocket observations of protons from, **2943**
unusual event 9th June 1959, **1831**
12th Nov. 1960, **1499**

Solar radiation, (See also Radio astronomy)
extreme ultraviolet, rocket data on, **4098**
r.f., associated with relativistic electrons in solar atmosphere, **2561**
brightness at 21 cm λ near sunspot maximum, **1821**
bursts, discrete-frequency, v.l.f. modulation of, **3365**
dm-λ, concurrent with type-IV radiation, **4086**
observations at 48 and 2800 Mc/s, **4084**
sense of polarization of, **525**
short-term transients in 200-Mc/s range, **1495**
at sunspot maximum, **849**
type-II, spectral characteristics of, **4085**
type-III, relation to flares, **526**
10^7-cm, associated with flare behind west limb, **1496,** related to solar flares, **4087**
cm-λ, correlation with E-layer ionization, **1147**
frequency-sweep receiver for, **2361**
positional fluctuations of 200-Mc/s sources, **1494**
related to geophysical disturbances in July 1959, **1823**
relation with low-energy cosmic rays, **3366**
review of, **1820**
storm centres at 169 Mc/s related to sunspot positions, **1822**
variation of ionospheric refraction with zenith distance in, **3738**
26·3-Mc/s storm observations Aug. 1959, **3364**
X-ray measurements since 1950, **4097**

Sound, (See also Absorption; Acoustics; Diffraction; Transducers; Ultrasonics)
attenuation and dispersion in aerosols, **7**
field of first-order mode in water layer, **1696**
field in focal plane of converging spherical beams, **1709**
generation of, by light-spot scanning of stencils, **3617**
insulation measurement for random and normal incidence, **2452**
loudness, binaural summation of, **1062**
curves for plane wave and diffuse field, **1392**
function deduced from differential sensitivity, **2447**
graphical method for evaluating, **1391**
'inertia', effects in growth of, **11**
growth in hearing, laws of, **3989**
measurements, of directional fields, **1713**
subjective, with band-pass noise, **12**
meters, dynamic characteristics of, **391**
noise, ambient, at low frequencies in ocean, **2068**
noise generator with variable bandwidth, **1388**
noise measurements under ice in Barrow Strait, **4**
propagation, through circular channel in thick wall, **2063**
in deep ocean, **2828**
in grooved-waveguide acoustic filter, **1700**
in inhomogeneous media, dynamic parameters for, **1695**
intensity anomalies introduced by constant velocity gradients, **2829**
in layered medium, integral equation for, **3983**
of longitudinal wave at boundary, **2**

Sound, propagation, in natural waveguides in atmosphere and sea, **1383**
nonlinear effects in, **3215**
quantum-mechanics many-particle treatment of, **2438**
surface-wave, influence of surface finish on attenuation in, **3607**
transient, in layered liquid, **1382**
in water, bathyscaph for measurements on, **3**
effect of surface agitation on, **3605**
fluctuations induced by surface roughness, **1701**
fluctuations of signals reflected from rough surface in, **3606**
ray bending by reflection at inclined boundary in, **3604**
wave front determination for sawtooth waveform, **1698**
waveguide-mode, long-distance, **3339**
in shallow waters, **1697, 1699**
radiation, from prolate spheroids, **3985**
radiation patterns, far-field, computation of, **3984**
radiators, multipole, effect of reflecting plane on, **2440**
reflection of e.w. waves from standing wave in liquid, **1387**
reflection from sea surface, fluctuation data, **1384**
for pulsed e.w., **1385**
reverberation underwater, **3987**
scattering, from solid and air-filled cylinders in water, **1706**
from solid metal spheres in water, **3221**
sources, in piezoelectric crystals, **1**
underwater explosions as, **382**
stereophonic, conference on, **389**
'room-related' broadcast transmission system for, **390**
2-channel subjective assessment of factors affecting, **2449**
transmission systems for, automatic equipment for subjective assessment of, **2446**
2-channel, giving 'room information', **2448**
velocity, in distilled water, **766**
measurements in liquids, pulse technique for, **9**
across plastic sheets, **386**

Sound ranging,
array steering in layered medium, **3992**
directional-receiver correlation systems for, comparison of, **2835**
electronic scanning system for, angular resolution of multiplicative receiving array in, **3615**
field intensity changes with internal waves in ocean, **3232**
integration technique for improving threshold detection in, **2990**
p.m. and f.m. systems of, comparison of, **574**
transverse correlation coefficient of c.w. signal in sea, **3231**
synchronous demodulation technique for receiving array in, **3991**
underwater echo systems, for fishery and geological investigations, **1968**
use of low frequencies in, **2227**
optimum frequency in, **4150**

Sound recording,
disk, equalization in, **1063**
magnetic-tape, analogue treatment of fluctuations in tape transport system for, **3993**
anhysteretic remanence in, **655**
electrical analogues for design of tape transport system, **1400**
modulation noise in, **3616**
tape properties and reduction of print-through effect in, **1719**
microphone distance in, **3234**

Space research, (See also Communication systems; Earth satellites)
conference on, **4109**
conference on radio techniques in, **3355**
instrument for measurements on interplanetary plasma, **521**
interplanetary magnetic storm detected by Pioneer V, **3752, 3753**
moon rocket, interferometer measurements of signal intensity, **164**
payload design for Able-5 lunar satellite, **544**
rockets for, geomagnetic observations by, **545**
Lunik III, motion of, **2578**
radiation measurements by, **2947**
results of investigations by, **543**
vehicles for lunar and planetary exploration, **3750**

Spectrographs,
for nuclear paramagnetic resonance, **518**

Spectrometers,
cavity-absorption-type, sensitivity of beam maser compared to, **1806**
mass, microwave separator for high-energy particles, **1972**
microwave, using maser techniques, sensitivity of, **519**
paramagnetic-resonance, **2170**
zero-field, **1804**
triple-modulation method for measuring line widths in, **3514**
3-level gas maser as, **2548**
r.f., frequency stabilization of, **1805**
for recording nuclear quadrupole Zeeman spectra, **517**

Spectroscopy,
microwave, **1134**
r.f., beam-type masers for, **1481**

Speech,
bandwidth compression of, **3225**
noise-masked, 'liveness' effects on intelligibility of, **3224**
processing, selective-amplitude system, **1390**
quantization of, **2451**
spectrum analysis of, **1061**
synthetic, vocoder, signal analysis using Hall multipliers, (D)**2450**

Stabilization,
d.c., of transistor circuit, using Si resistor, **365**
Stabilization, of magnetic field, using galvanometer/photocell system, **1038**
by nuclear-magnetic-resonance maser, **1644**
voltage, of d.c. supplies, functional diagram for studying, **765**

Stabilizers,
current, for 1–10-kW electromagnets, **3947**
power, for f.m. microwave oscillators, **671**
voltage, cathode-coupled, cascode, **3948**
voltage and current, bridge-network, **3946**
saturated-diode, lifetime of tungsten heater filament in, **4355**

Standard-frequency transmissions,
DCF77, significance of time intervals in, **1957**
frequency variations of WWV-20 over 4000-km path **686**
WWV/WWVH, time code in, **1600**
16-kc/s, Rugby, phase errors in, **4327**

Standards,
graphical symbols for electrical diagrams, supplement to 54 I.R.E. 21.S1, **2434**
on measurement, of minority-carrier lifetime by photoconductive decay, 61 I.R.E. 28.S2, **3832**
of piezoelectric ceramics, 61 I.R.E. 14.S1, **3429**
of radio interference, 61 I.R.E. 27.S1, **4287**
of resolution of camera systems, 60 I.R.E. 23.S2, **2018**
on terminology, of electrostatographic devices, 60 I.R.E. 28.S2, **1975**
of nonlinear capacitors, 61 I.R.E. 28.S1, **3659**
of radio transmitters, 61 I.R.E. 15.S1, **1663**
of semiconductors, 60 I.R.E. 28.S1, **357**
in television, 61 I.R.E., 23.S1, **3552**

Stations, (See also Broadcasting; Television; Transmitters)
ground equipment for satellite observations, **2777**
receiving, German meteorological service, **696**
satellite-tracking, Minitrack, in Great Britain, **2375**
telecommunication, remote-control equipment for, **2008**

Sun, (See also Solar activity; Solar radiation)
corona, structure and magnetic field of, **1153**

Sunspots,
maximum in 1968, estimate for, **1830**
short-lived, secular variations of, **4099**

Superconductivity,
near metallic contacts, **3475**
in superimposed metal films, **3476**

Superconductors,
Al and Pb, energy-gap determination from tunnelling characteristic, **967**
Al, Pb and In, energy-gap determination from tunnelling characteristic, **968**
critical-temperature changes with e.s. charge, **257**
effect of transition-metal atoms on transition temperature of, **1244**
elastic modulus variation at transitions in, **3473**
films, critical-field calculations, **626**
In, surface impedance at 3 Gc/s, **3065**
In films, size effects in, **3865**
In and Sn films, magnetic properties of, **3863**
In, Sn and Ta, critical fields of, **969**
magnetic-field dependence of energy gap in, **1933**
Nb, electron-tunnelling investigation of, **4202**
tunnelling current in Pb junctions on, **3066**
Nb_3Sn, for solenoid magnets with fields of 100 kG, **1934**
Nb-Zr, at high magnetic field strengths and current densities, **3472**
paramagnetic effect in, differential, **3864**
Pb-In films, resistivity limit for, **3067**
as quantum detectors for e.m. radiation, **1965**
r.f. Hall effect in, **1577**
Sn films, effect of residual gases on, **1578**
Sn and Ta, stress effects on transitions in, **3474**
$ThRu_3$, $ThOs_3$ and $ThIr_3$, **3470**
tunnelling investigation of, **3471**
ultrasonic attenuation in, **2065**

Switches, (See also Circuits, switching)
microwave, coupler-type, for sampling 24-element array, **3622**
zigzag-line, **3623**
sampling-type, variable-conductance, **3657**

Switching,
in nonlinear d.c. circuits, **4020**

Telecontrol systems,
autopilot, for missiles, **679**

Telemetry,
air/ground, television system and radome test equipment, **1284**
analogue and digital methods, in, **4271**
analogue systems for flight investigations, **1617**
missile, 24-channel airborne transmitter for, **1618**
of radiation data, **1015**
time-multiplex, data processing equipment for, **2336, 2754**
455-Mc/s ground equipment for, **1616**

Television, (See also Aerials; Interference)
bands IV and V, techniques for, **3557**
camera tubes, image-iconoscope, test equipment for, **4318**
image-orthicon, with field mesh, **3951**
plug-type target for, **2016**
4½-in., **1657, 4319,** channel equipment for, **1658**
scanning system using sinusoidal voltages, **346**
signal/noise ratio in, **3950**
spectrum of statistical fluctuations in, **1326**
techniques and sensitivity limits of, **3167**
vidicon, C.F.T.H., **3952**
compensation of retrace noise in, **2788**
GeS photoresistors as targets in, **3953**
operation in unusual environments, **4320**
preamplifiers using drift transistors for, **1327**
slow-scan modification of, **3555**
cameras, influence of optical system on picture quality, **712**
underwater equipment for, **1045**
centre, B.B.C., London, equipment of, **2793**
Moscow, **3173**

Television, colour, B.B.C. experimental transmissions, 1649
demodulation of chrominance signals in, circuits for, **344**
demodulator circuits for, **4317**
European, standardization of, **2013**
trends in, **3162**
f.a.m., systems for, **3161**
flying-spot film scanners, **2389, 2390, 2391**
for reversal of film negatives, **3165**
Henri de France (SECAM) system, **710**
improvement of, **2388**
line standards for, **340**
N.T.S.C. system, distortion due to faults in, **2387**
modified, comparative tests on, **3160**
signal/noise ratios in, **1648**
picture tubes, beam-indexing, single-gun, **1044,** Zebra system, **4321**
single-beam, **2392**
spot size requirements in, **1325**
signal generator for subcarrier synchronization in, **343**
test equipment and measurement apparatus for, **1650**
test instrument for, vectorscope, **2787**
test-signal generator for, **345, 1040**
transmissions, adaptation of monochrome transmitters for, **1661**
correction of nonlinear distortion in, **1651**
correction of phase difference in, equalizer for, **1652**
two-component reproduction system for, **3553**
colour range of, **3554**
inapplicability of, **341, 711**
vestigial-sideband equalization in, **342**
electroluminescence applications in, **4322**
in Germany, **1039**
interference generator for receiver testing, **715**
links, cable, **2839**
echo equalizers for, **2773**
radio, long-distance, **2398**
U.K., **2796**
networks, in Germany, **355**
with nonlinear channel distribution, **1331**
planning of, **1330**
remotely controlled distribution system, **4326**
in Sweden, **2399**
in Switzerland, **718**
outside broadcasts, equipment of R.T.F., **2397**
portable equipment for, **353**
vehicle for, **354**
physiology and psychology in, **2786**
picture quality in, influence of mismatch in common-aerial installations, **2395**
interference effect of horizontal instability on, **1321**
vertical-aperture equalizer for improving, **347**
picture tubes, circuit for superimposing equal-brightness contour in, **3559**
flat, electron-optics of, **1041**
reflected-beam, **3954**
high-transconductance, for low modulation voltages, **1042, 2789**
low-power cathode for, **2396**
measurement of focusing sharpness in, **3164**
mesh lenses for scan magnification, electron transmission in, **1324**
reflections in flat and curved front plates of, **3558**
sedimentation techniques for screens of, **1662**
vertical spot size in, **1323**
program switching and control installations for, **2393**
receivers, component reliability in, **3171**
line-frequency fluctuations in, reduction of, **351**
line-output transformers for, 3rd-harmonic tuning of, **2792**
noise limiters for a.m. sound channel, **714**
photocell circuits for automatic contrast control, **349**
sync separator stage design, **716**
synchronizing and a.g.c. circuits in, **3169**
test equipment for, **350**
using transistors and new deflection system, **2394**
X-ray emission from, **3170**
reception, aerial downlead effects in, **782**
band IV, tests in Germany, **708**
black level monitoring, **1329**
long-distance, meteorological conditions during, **1320**
multipath, determination of signal and noise field strengths in, **1646**
permissible aerial mismatch in, **3955**
v.h.f., transhorizon, in Austria, **687**
recording, magnetic-tape, analyser for, **3940**
f.m. system for, **1655**
translator-modulator-demodulator in modification of Ampex system for, **3172**
magnetic-wheel store for, **3159**
relays, remotely controlled station at San Salvatore, **2017**
review of B.B.C. progress in, **3551**
sound, stereophonic system, **1322**
standards, comparison of, **2386**
conversion, for differing field frequencies, **4316**
flicker suppression in, **2794**
converters, Europe/N. America, **2795**
optimum form of Nyquist slope for, **1656**
stations, mobile, Austrian equipment for Eurovision transmissions, **4324**
equipment for southern Switzerland, **4325**
switching centre Frankfurt/Main, **352**
studio control equipment using radio systems, **1632**
systems, high-resolution, **1653**
storage and bandwidth compression techniques, **2014**
test apparatus and techniques of B.B.C., **3166**
test-line signals for French service, **1659**
test-system simulator for, **3556**
transmission, bandwidth compression by contour interpolation for, **3163**
cable-film equipment for music line, **709**

Television, transmission, intercontinental, tropo-scatter communications for, 1654
from Parliament building in Berne, equipment for, **3956**
over telephone links, slow-scan system for, **2015**
u.h.f., equipment for, **2790**
transmitters, band IV, 10-kW, at Haardtkopf, **2791**
bands IV and V, network planning for, **717**
using tetrodes, **1660**
low-level modulation at i.f., **4323**
minimum spacing of, **348**
sync-pulse separator stage using Ge diode, **713**
Thermistors,
bead-type, of ion-doped $BaTiO_3$, **3652**
theory, manufacture and application of, **55**
Thermocouples,
Bi-Te, 'frigistors', for use as cooling elements and heat pumps, **4272**
Ga alloys as electrodes for, **284**
transient response of, **1785, 2532**
Thermoelectric effects,
in $CoSb_3$ with Sn, Te and Ni impurities, **2300**
devices based on, irreversible thermodynamics in design of, **3516**
in GdSe, anomalies in, **2301**
Peltier coefficient at high current levels, **4203**
Peltier-effect cooling blocks, construction and characteristics of, **3518**
for power generation and refrigeration, influence of thermal parameters on efficiency of, **2745**
mathematical theory of, **1278**
Thermoelectric generators,
semiconductor materials for, **2747**
Thermoelectric properties,
of Ag_2Te, **1579**
of $BiSbTe_3$, effect of freezing conditions on, **2702**
of $Bi_2Te_{3-x}Se_x$, effects of doping on, **2701**
of Sb_2Te_3-Bi_2Te_3 alloys, **1245**
Time, (See also Clocks)
analyser, using crystal-controlled trochotron, **662**
measurement of μsec intervals, triangular-wave c.r.o. technique for, **3895**
Transducers,
acoustic, axial concentration coefficient of arrays of, **3608**
$BaTiO_3$, cylindrical, focusing-type, **1704**
bubble-type, for radiating high-power sound in water, **1055**
calibration method for transient temperature conditions, **3611**
magnetostrictive, ferrite materials for, **3219**
improved Ni alloys for, **4215**
materials for intense sound, **3609**
ring-type, complex impedance of, **6**
sensitivity of receivers of Ni-Zn ferrite, **1708**
piezoelectric, maximum-power criterion for, **3217**
transient performance of, **2830**
transients and equivalent circuit of, **2441**
underwater, pulse calibration system for, **2064**
cylindrical and spherical, correlation of loss factors of, **3218**
hydrophone, factors determining efficiency of, **3222**
linear, multitapped potentiometers as, **1313**
ultrasonic, coupling of, **3220**
magnetostrictive, design of, **3986**
thermoelectric pickup using thermistor, **3610**
Transductors, (See also Amplifiers, magnetic)
core-gain definitions for magnetic amplifiers, **3654**
Transformers,
balun, printed-circuit, for spiral aerials, **399**
split coaxial-line-type, **15**
'tapered' potential solution for design of, **2077**
Barkhausen noise in cores of, **1426**
current, a.f., single-layer design of, **2867**
standard, calibration techniques for, **3099**
piezoelectric, $Pb(Zr,Ti)O_3$, **2494**
pulse, design chart for, **4022**
r.f., toroidal, for use with hybrid junctions, **4021**
transmission-line, π-section, design of, **3621**
Transistors, (See also Photocells; Semiconductors; Valves, crystal)
in a.c. switching and logic circuits, **362**
alloy-diffused, **1673**
analogy with thermionic triode, **1343**
avalanche-mode, for nuclear instrumentation, **1349**
breakdown of, voltage, **4350**
characteristics of, interrelation of, **3968**
'spread' in, **4339**
for reliability studies, **4340**
thermal effects on, with fluctuating load, **4348**
charge control parameters of, **361**
conference on, **2021**
current amplification factor of, effects of surface recombination on, **366**
current gain theory for high injection levels, **367**
d.c. stabilization using Si resistor, **365**
drift-type, cut-off frequency calculation for variable mobilities, **3576**
dependence of current gain on emitter current of, **2419**
emitter diffusion capacitance of, **368**
equivalent circuits for, **364, 1345, 2416**
application of matrix methods to, **1669**
field-effect, 'alcatron' 4-terminal device, **1670**
frequency dependence of parameters of, **2808**
frequency response of, **1668**
Ge, double-diffusion technique for production of, conditions for, **2033, 2034**
production of, surface-forming method for, **3189**
Ge and Si, noise at high current densities in, **360, 363**
graded-junction, potential distribution and capacitance of, **1346**
harmonic distortion factor of, **734**
heat dissipation in, **2030**
heat sinks for cooling, **2805**
h.f., double-diffused Si, **2031**
mutual conductance of, **2809**
impurities in base layer of, measurement of, **2417**
impurity-doping profile of, measurement of hybrid parameters for determination of, **3969**
l.f., distortion in, **1675**

Transistors, l.f., European life test, on, **1344**
l.f. characteristics of, valve analogue for, **2807**
life test data on, analysis of, **4345**
in logic circuits, frequency response of, **733**
measurement applications of, **3187**
measurements, equipment for, **1342**
of noise figure at 1 kc/s, **1676**
of quadripole parameters, **3964**
noise in, l.f., measurements of, **3966**
noise characteristics of, calculations of, **732**
parameters of, interrelation of, **2806**
for small-signal representation, **2415**
parametric-amplification properties of, **369, (D)3970**
parametric-amplifier application of, **4060**
parametrically excited resonator using, **2526**
p-v-p, negative collector conductance in, **1347**
power-type, frequency response of, **730**
measurements by pulse technique on, **1674**
recombination of injected carriers in, **4341**
Si, advantages in circuit design, **4342**
noise investigations on, **4349**
surface-alloy-type, for switching and chopper applications, **2418**
stabilization of d.c. operating point of, **4343**
storage time with decaying turn-off current in, **3188**
switching-type, 'binistor', **1350**
GaAs, thermal effects in, **4351**
mesa-type, avalanche operation of, **2810**
modified equivalent circuit for, **731**
p-n-p-n, Si, thyratron characteristics of, **3971**
properties and applications of, **2032**
transient response of, **1348**
symmetrical, performance of, **1672**
tecnetron, d.c. characteristic of, **4346**
equivalent circuit and characteristics of, **1340**
graphical analysis of operation of, **3967**
introduction to, **1341**
testing of, pulse-sampling voltmeter for, **3509**
tetrode-type, field-effect, alcatron, **3578**
applications of, **3577**
thermal problems in, **3574**
transconductance measurements on, **2028**
transient characteristics of, **1671**
u.h.f. current gain of, measurement of, **3965**
unipolar, electron-radiation damage in, **4347**
upper noise corner frequency of, **2029**
Transmission lines, (See also Cables; Waveguides)
balanced, measurements at m λ on, balun losses in, **1270**
for measurements at 150–650 Mc/s, **19**
'complementarity' principle for, **18**
coupled, as directional couplers, **1065**
dm-λ, circuit equations and design of, **398**
helix, waveguide-mode analysis of, **2073**
Lecher-wire, with nonlinear capacitive loading, **3995**
lossy, variational integral for, **396**
matching of, theorem on stepped impedance transformer for, **20**
measurement of low reflection coefficients at h.f., **3900**
microwave, pulse testing method using sampling oscilloscope, **3512**
multielement, analysis of, **17**
with negative-conductance load, parameters for, **2076**
network analysis in time domain, **397**
with nonlinear capacitance shunt, oscillations in, **1721**
partially filled, matching of, stepped impedance transformers for, **21**
screened, external e.m. fields of, **2075**
superconducting thin-film strip-type, field solution for, **2074**
surface-wave, Goubau-type, as v.h.f. feeder, **22**
tapered, distributed RC, for phase-shift oscillators, **2840**
impedance calculation methods for, **1066**
tapered-plane, e.m. field theory for, **2456**
two-path, design for impedance transformation and filtering, **774**
Transmitters, (See also Television)
broadcasting, in Germany, **331**
earth-satellite, Echo I beacon, **3174**
high-power, Bisamberg, **1664**
l.f., R/T, with highly selective aerial, transmission characteristics of, **2020**
network planning for, mathematical theory of, **1310**
power requirements for h.f. communication circuits, **1047**
pulse, 10^6-MW, discharging-capacitor type, **2019**
s.w., exciter stage for, **3175**
16-kc/s, Rugby, phase errors in, **4327**
960-Mc/s, 10-kW, project Echo, **3957**

Ultrasonics, (See also Absorption; Transducers)
amplification of 9·3-Gc/s pulse by maser action in ruby, **3494**
attenuation, in cylindrical and rectangular waveguides, **1702**
in metals, at low temperature, **2443**
theory of, **3612**
in superconductors, **2065**
diffraction of beam by wake of moving cylinder, **5**
diffraction of light by, **3988**
in range 50–230 Mc/s, **2833**
image conversion by electron reflection from quartz crystal, **2445**
Lamb waves in, experimental confirmation of, **3213**
measurement of elastic moduli by, **3227**
measurement of fields in transparent solids, optical method for, **3613**
microwave, detector based on phonon-photon transitions for, **1711**
interaction with spin waves in paramagnetic materials, **1951**
mode coupling of elastic pulses in wires, **2827**
modulated, thermoelectric microphone for, **769**
propagation in relaxing media, **3216**
velocity, determination from angles of total reflection, **1057**

Ultrasonics, velocity, effect of diffraction on, **767**
of finite-amplitude wave in liquid, **1703**
measurement system, **771**
in solids, pulse superposition method for measurement, **2067**
Units,
electrical, development of standards for, **3899**

Vacuum technique,
getter material, Th-Ce-Al, **4160**
getters, Ba evaporation from, determination of, **2233**
ionization gauge using hot-cathode magnetron, **2232**
review of techniques and electronic components for, **3420**
Valves, (See also Cathode-ray tubes; Electron beams; Rectifiers; Transistors)
amplifier, review of, **2044**
for special applications, **1363**
beam-deflection, as synchronous detector, **4359**
crystal, conference on, **2400**
Ge and Si, diffused shot-melting technique for, **1332**
insulating and metal-film tunnel-emission devices, **2798**
life characteristics of, **3560**
lumped-model analysis of space-charge widening in, **720**
oscillistor, based on magneto-oscillatory effect in semiconductor, **356**
Si, vapour deposition technique for junction layers, **1333**
standardization of symbols and measuring circuits for, **4328**
transition-layer characteristics of linearly graded p-n junctions of, **2022**
crystal-diode, Ag-bonded, construction and characteristics of, **3181**
applications of, **3176**
avalanche breakdown in, **1048**
bonded, negative-resistance, high-power, **4335**
breakdown voltage in, cause of, **2405**
capacitance at low temperatures, **1336**
conductivity-modulated, measurement of base voltage and contact resistance in, **3960**
Ge, with irregular structure, **729**
thermal breakdown of, **3178**
thermal effects on characteristics of, **3177**
high-level microwave detector using avalanche injection, **3959**
h.v., field-effect pinch-off in surface leakage of, **3179**
InAs, diffused-junction, I/V characteristics of, **3567**
InSb, I/V characteristics of, **2025**
low-lifetime, reverse characteristics of, **4331**
measurement of recovery times of, **3958**
mixer-type, excess-noise measurements from 25 c/s to 80 Mc/s, **3563**
3-Gc/s tests on, **1334**
negative resistance in, r.f.-induced, **2804**
negative-resistance, upper frequency limit for, **722**
negative-resistance amplifier design using, **725**
parametric, design and manufacture of, **2410**
parametric-amplifier, noise-figure measurements relating to cut-off frequency of, **1050**
p-n-p-n, for heavy-current applications, **3572**
Si, as high-power pulse generator, **3573**
point-contact, formed, influence of surface currents on characteristics of, **3561**
surface currents in inversion layers of, **2799, 3180**
pulse characteristics of, **721**
reactance-type, for cm-λ travelling-wave parametric amplifier and frequency multiplier, **3571**
reverse-biased, cryosistor, **1099**
reverse characteristics at low temperatures, **4330**
Si, breakdown voltage in, influence of surface states on, **2404**
switching, **2023**
three-layer, uniform avalanche effect in, **1339**
tunnel-type, analogue study of large-signal response of, **2402**
characteristics of, temperature dependence of, **4329**
circuits for control of negative-resistance characteristics of, **3569**
as cm-λ amplifier, **812**
construction and manufacture of, **3565**
current integral for, **2801**
current oscillations in longitudinal magnetic field, **2403**
curve tracer for, **2803**
effect of nonsymmetrical doping on, **4334**
effects of fast-neutron bombardment on, **723**
electron-bombardment damage in, **3961**
equivalent noise current of, **3183**
GaAs, for u.h.f., **3568**
GaAs and InP, I/V characteristics of, **1666**
GaSb, for u.h.f., **3184**
Ge, for h.f., **1665**
h.f. power in, **3182**
I_{max}/I_{min} ratio of, **2024**
impurity-band models for, **2802**
large-signal circuit theory for, **3962**
measurement of negative resistance of, **2406**
mechanism and characteristics of, **3564**
as microwave amplifiers, noise investigation, **2413**
as microwave detectors, **2414**
as microwave oscillators, **359, 2411**
mixer, noise figure of, **1338**
mm-λ amplification with, **3186**
as mm-λ oscillator, **1049**
multivibrator circuit design using, **3570**
noise factor of, **727**
peak-voltage increase at low temperature in, **1335**
principles and applications of, **4332**
shot-noise smoothing in, **728**
Valves, crystal-diode, tunnel-type, spatial fluctuations of current in, **2401**
stability criteria for, **3566**
as superregenerative detectors, **726**
temperature dependence of peak current in, **358, 4333**
varactor-type, capacitance coefficients for, **2408**
design parameters for, **1337**
figures of merit for, **2409**
Q-measurement technique for, **1609**
Si, for u.h.f., **3562**
surface-space-charge, material parameters for, **3185**
u.h.f. **2026**
variable-capacitance, negative-resistance effects in, **4336**
p-n-p-type, analysis of, **724**
3-layer, as negative-resistance and inductive devices, **2407**
4-layer, minimum turn-off time in, **4338**
switching applications of, **4337**
theory of hook collector for, **2027**
diode, characteristics of, effect of reflected electrons on, **3195**
cold-cathode, MgO, current rise times in, **1678**
nonlinear thermal fluctuations in, **1742**
planar, transient space-charge flow in, **738**
saturated, lifetime of tungsten heater filaments in, **4355**
space-charge-limited, theory of, **1681**
distributed-amplifier-type, with helix anode and grid, **3208, 4368**
electron-beam, focusing by r.f. fields in, (D)**2426**
focusing system design in, magnetometer for, **1001**
focusing system for hollow beams, **1679**
frequency multiplication and nonlinear phase distortion in, **3200**
helitron, cyclotron-frequency magnification by Doppler shift in, **2051**
ion relaxation oscillation in, **1683**
magnetically focused, current distribution in, **2818**
multivelocity, noise propagation in, **1368**
noise smoothing by reactive damping in, **3206**
parametric amplification using e.s. ring structures, **4365**
parametric-amplifier, Adler tube, 200-Mc/s, **1370**
with circular polarization, **744**
coupled-mode theory of, **2047**
coupling between transverse waves on O- and M-type beams for, **3593**
cyclotron-wave, with magnetic pumping, **2048**
energy balance in, **2046**
'fawshmotron', **745**
noise in, **3592**
noise transduction in, generalized coupler theory of, **3594**
quadrupolar-field, d.c.-pumped, **377**, energy interchange between cyclotron and synchrotron waves in, **3591**, thermal and beam noise in, **2425, 4**-Gc/s, **3199**
space charge effects on cyclotron waves and thermal orbits in, **3204**
travelling-wave analysis based on Hill equation, **3205**
periodic, propagation in, **3981**
piezoelectric scanner for measuring current density distributions, **3198**
quadripole parameters of, approximation method for, **3584**
sheet-beam focusing with tape ladder lines, **750**
small-signal space-charge density in drifting ion-neutralized beams in axial magnetic field, **2424**
space-charge waves in, interpretations of, **3980**
transverse waves in varying magnetic fields, **1369**
electron-beam/waveguide-aperture system, **3982**
flicker noise in, amplitude distribution of, **2821**
gas-discharge, as cm-λ noise generators, **670**
cold-cathode, applications in automation, **2744**
diode, with filamentary cathode, l.f. oscillations in, **1970**
hot-cathode, as T-R switch, **2055, 2056**
thermionic generator using auxiliary discharge, **1969**
indicator-type, for transistor decade counting circuits, **2059**
Ne, comparison of admixtures for, **4370**
stability obtained using monocrystalline Mo cathode, **4371**
plasma-diode, relaxation oscillations in, **3599**
thermionic-converter, calculation of maximum efficiency of, **3121**
Cs, **707, 2749**, effect of electrode spacing on, **1010**, effect of magnetic fields on, **1009**, interpretation of V/I curves of, **2335**, performance of, **1289**, potential distributions in, **1279**, r.f. oscillations and saturation current in, **3122**
plasma synthesis method for, **2748**
space-charge limited, optimum design of, **4265**
thyratron, hydrogen-filled, pulse measurement of energy losses in, **3600**
for pulsed radar, **1694**
klystron, a.f.c. system using transistors, **746**
c.w., instability effects in, **376**
finite-gap, calculations for, **4363**
frequency stabilization of, **748**
transistor circuit for, **749**
system for 4 Gc/s, **4361**
with helix buncher, **743**
high-power, drift-tunnel oscillations in, **3586**
multiresonator, gain of, **2045**
reflex, amplifier, noise figures of, **747**
effect of magnetic fields on, **3201**
effect of mechanical vibrations on, **3588**
f.m. system for, **4362**
with inhomogeneous retarding field, **3587**
as mm-λ detectors, **375**
X-band, with electronic tuning, **3589**
lifetime data for, statistical analysis of, **374**
Valves, magnetron, cylindrical, steady-state theory of, **1375**
energy build-up in, **1692**
interdigital, inverted, wide-tuning range, **1376**, resonator and output couplers for, **1377**
smooth-anode, for microwave oscillation and detection, **758**
space charge in, statistical equilibrium of, **2038**
microphony in, **2820**
microwave, electron-beam/waveguide system with transverse power flow, **4360**
for radio links, **3585**
review of, **2039**
symbols for, **1680**
mixer, grid-controlled, noise in, **739**
pentode, flicker noise in, **2824**
noise characteristics at v.h.f., **741**
secondary-emission-type, pulse applications of, **742**
secondary-emission-type, flicker noise in, **2822**
tetrode, transmitting, electron transit-time effects at 800 Mc/s in, **3583**
transmitting-type, optimum operational data for, **3196**
travelling-wave, amplifier, for radio link, **4366**
backward-wave, oscillator, analogue investigation of, **1374**, based on cyclotron resonance, **756**, inhomogeneous delay lines for, **757**, resonance-type, for cm λ, **3596**
O-type carcinotron, parasitic modulation in, **379**, u.h.f. measurement applications of, **3597**
with nonuniform delay line, **4367**
C-band, theory and performance of, **1688**
combined amplifier and backward-wave oscillator with common beam, **3203**
crestatron, S-band, **2428**
crossed-field, classification and performance of, **3590**
two-signal amplification in, **2050**
c.w. 300-W, experimental, **1371**
with e.s. focusing, **753, 3207**
slow-wave structures for, **1689**
helix structures for, **755**
interaction in, unified theory of, **1684**
interaction circuit for, using meander lines, **1691**
interaction of electron beam with mm-wave field in circular waveguide, **752**
interaction of prebunched beams in, **1685**
magnetic field and flux distributions in periodi focusing stack for, **1372**
matching of helix and waveguide in, **2427**
minimum noise figure of, **4364**
multiple-transit amplification in, **1690**
phase modulation of, **754**
power carried by cyclotron and synchronous waves in, **3202**
pulsed grid-controlled electron guns for, **1687**
reduction of beam noise in, **2049**
slow-wave structures for, corrugated-waveguide, **1373**
space-charge effects in, electron guns for, **1686**
tapered, analysis of, **751**
with tubular-magnet focusing, for radio-link applications, **3598**
uniformity of helix and delay-line structures for, **3595**
triode, disk-seal, admittance calculation for, **4358**
microwave, applications of, **3197**
4-$\cdot$ic/s investigation on, **1682**
nonlinear distortion due to transit-time effects in, **2043**
non-neutralized, noise and stability of, **740**
positive-grid, flicker noise in, **2823**
triode and pentode, gain stabilization of, **3979**
triode and tetrode, ceramic, 10-kW 1-Gc/s, **3582**
Vibrations,
measurements on resonators by capacitive probe, **299**
photometric device for pickup calibration at small amplitudes, **3603**
Voltage,
measurement of, a.f. amplifier for, **3100**
measurement of vector ratio, **304**
Voltmeters. See Meters.

Wave propagation, e.m., (See also Diffraction; Reception; Scattering; Television; Transmission lines; Waveguides; Waves)
boundary conditions and ohmic losses in conducting wedges, **128**
dielectric constant of dense electron gas for, **511**
Doppler effect in plasma in magnetic field, **126**
echoes from meteor trails, determination of volume density, **1016**
fading of, **1017**
energy density and losses in dispersive media, **1471**
energy-momentum tensor for plane waves in homogeneous medium, **1797**
field of dipole in plasma sheet, **2159**
ground-wave, l.f. phase perturbations in, **4282**
mixed-path, theory of, **4281**
through hypersonically produced plasma, **1123, 1124**
impedance boundary conditions, for imperfectly conducting surfaces, **2160**
for statistically rough surfaces, **2162**
in inhomogeneous medium, applicability of method of 'smooth' perturbations for, **1798**
in interpenetrating media, **1477**
in ionized dry air, constants for, **512**
ionospheric, absorption variations measured at 5·65 Mc/s at Waltair, **4278**
Appleton-Hartree formulae for, generalization of, **1296**
validity of approximations to, **4277**
back-scatter observations, transequatorial, of magnetically controlled ionization, **3914**
at 440 Mc/s, **188**
d.f. techniques applied to, **3915**
Doppler shifts and Faraday rotation in, **1294, 2759**

Wave propagation, e.m., ionospheric, fading, flutter-type, equatorial, causes and effects of, **1022**
of pulse transmissions at oblique incidence, **3131**
of vertically reflected waves during magnetic storms, **4133**
fading rate, during equatorial spread-F conditions, **4275**
variation with frequency in, **684**
for weak scattering at vertical incidence, **3130**
Faraday-effect calculations for earth-satellite transmissions, **2760**
field-strength calculations for L.U.F. and M.U.F., ranges, **3132**
focusing, of reflected waves from rough curved ionosphere, **1984**
at skip-distance, observed in signals from 19588, **1291**, observed in back-scatter records, (D)**1292**
forecasts for, solar-particle effects on daytime frequencies in, **1298**
from vertical- and oblique-incidence data, **1297**
German Post Office work during I.G.Y., **2758**
group-refractive-index evaluation for case of no collisions, **1988**
incoherent-back-scatter observations in, effect of Faraday rotation on, **3138**
interaction in plasma inhomogeneities relating to, **1983**
l.f., diffraction theory for sky wave in, **3529**
fading in, **685**
measurements on 12th Nov. 1960, **4276**
numerical solution of equations for, **3135**
'window' conditions in, **1623**
l.f. and v.l.f., magneto-ionic phenomena in, **1990**
long-distance, aerial radiation angles for, **2348**
one-hop F_1-layer, through auroral zone, **3526**
pulse, diversity effects in, **3912**
m.f., nighttime vertical-incidence measurements on, **3919**
nonlinear effects in, **1464**
polar and auroral-zone blackouts in, **2350**
at medium and high latitudes during solar cycle, **2351**
polar blackouts, statistics of occurrence of, **1854**
7th July 1958, **1173**
ray geometry for perpendicular intersections with dipole field in, **1985**
ray tracing methods for earth-satellite signals, **1624**
reciprocity theorem for earth-satellite signals, **1295**
reflections from mesosphere at 1·75 Mc/s in, **1986**
review of, **1287**
round-the-world echoes in, chordal hop theory applied to, **1288**
scattering, cross-sections in, **1021**
incoherent, effect of magnetic field on spectrum in, **1289**, frequency/power spectrum for, **1290**, theory of, **2345**, **3525**
by randomly refracting medium in, **1622**
signal-strength increase in oblique-incidence broadcast-frequency waves during annular eclipse, **1987**
skip distance determined from ray focusing effects, **1837**
sky-wave field-strength calculations in, graphical method for, **3911**
space analysis for, **3913**
travel-time measurement of WWV signals, **1293**
vertically polarized aerials above sea for, **1733**
v.h.f., E_s-layer effects in, **3920**, **3921**
field strength as function of f_0E_s in, **2349**
F-layer and E_s scatter in Far East, **1979**
forward-scatter, azimuth energy-distribution measurements in, **3136**, directional observations of delayed signals in, **3137**
long-distance, tests on, **320**
v.l.f., analysis of modes in, **4280**
diffraction statistics for, **3917**
effect of underground induced polarization in, **3133**
experiments on cavity effects in, **688**
long-distance, phase variations in, **2756**
mode excitation by magnetic dipole for, **3918**
mode and ray theories of, **1991**, **3916**
phase perturbation with meteor shower activity, **1995**
phase velocity in, **2338**, comparison of data on, **3134**
random fluctuations in oblique-incidence transmissions, **1994**
waveguide-mode, E–W asymmetry in, **1992**, **1993**
18·6-kc/s two-hop whistler-mode echoes received at Seattle, **3528**
iteration-variational method for problems in, **3520**
in magneto-ionic media, wave-matrix definition for, **125**
through metal in strong magnetic field, **1133**
microwave, attenuation in plasma sheath of space vehicle, **2339**
Wave propagation, e.m., microwave, through magneto-plasma, **127**
reflection-coefficient measurements using right-angle prisms, **2168**
mode conversion theory for, **4070**
in plasma, modes in, **2757**
in plasma layer in magnetic field, nonlinear effects in, **2167**
pulse, in homogeneous conducting earth, **2755**
quantum theory of spatial dispersion of conductivity and susceptibility in, **1479**
reflection, from iceshelf, **2346**
from moving plasma, kinetic theory of, **3726**
at plane metal surface with absorbent coating, **3341**
from standing sound wave in liquid, **1387**
reflection and refraction of pulses at plane surface, **2169**
reflection and transmission at electron density gradients, **1619**
refractive index of metals and thin films, **1478**
surface-type, along plasma sheet, **2352**
along wedges, **2161**
tropospheric, attenuation due to distorted raindrops, **1977**
climatology tests in Congo basin, **3127**
diffraction calculations for smooth earth and horizontal polarization, **4274**
diffraction round sphere or cylinder in, **1620**
effect of multiple inversions on, **2344**, **4273**
equivalent gradient in, **1020**
meteorology and climatology aspects of, **3126**
prediction methods for ray bending in, **319**
refraction in, formula for, **2343**
graphical determination of, **2342**
refractive-index correlation with monthly median transmission loss, **1980**
scatter, long-term measurements at X and S band, **683**
tests on, **2341**
survey of, **1018**
transhorizon, experimental results in, **3124**
experiments on, **317**
measurement over different-type paths in Europe, **3522**
theories of, **3125**
weather parameters and field strength in, correlation of, **2340**
u.h.f., atmospheric attenuation at mm λ, **1978**
attenuation in, **1019**
cm-λ, scatter, aerial-siting tests on 173-mile path, **3910**
fading rate of moon-reflected signals, **316**
field-strength measurements at 1·3 Gc/s near Berlin for 240-km path, **680**
frequency-sweep tests at 3·5 Gc/s over 300-km link, **3129**
mm-λ, effect of polarization on rain attenuation of, **3909**
by scatter, results for 156-mile link at 400 and 800 Mc/s, **682**
scatter observations at 3480 Mc/s with aerials of variable spacing, **3524**
over sea, 3-cm-λ data on, **3128**
surface-type, over sand-covered metal plane, **2353**
transhorizon, amplitude correlation between waves of different frequency in, **1982**
effect of maritime advective duct on, **1981**
experiments on, **318**
1·3-Gc/s, space-diversity measurements on, **3523**
2-Gc/s tests over 224 km in torroid zone, **681**
10–100-Gc/s, atmospheric absorption in, **3521**
36-Gc/s, in Los Angeles basin, **1286**
waveguide-mode, long-distance, **3339**
Waveguides, (See also Transmission lines)
circular, band-splitting filter for, **1407**
dielectric disks in, heating process in, **2461**
effect of statistically distributed irregularities on propagation in, **1410**
ferrite-loaded, propagation constants of, **24**
hybrid junction for mm-λ communication system, **1406**
hybrid-mode, **1409**
irregularities affecting TE_{01}-wave transmission in, **2080**, **3238**
loaded, as nonperiodic slow-wave or backward-wave structure, **33**
for long-distance transmission, **1722**, **2458**
mode conversion at off-set junctions in, **2843**
mode exciters for, **1408**
nomenclature for TE_{ol} modes in, **3999**
with periodic ring structure, **2084**
plasma-filled, perturbation method for propagation in, **2466**
for radio-link aerial systems, **2844**
reflections and mode conversions in imperfect junctions in, **2083**
circulators, **1069**
Y-type, for maser radiometer, **2460**
coaxial, plasma-filled, propagation in, **776**
suppression of parasitic gap resonances in short-circuiting plungers for, **3239**
Waveguides, coaxial, termination resistor for, 50-Ω, 1–9-Gc/s, **3240**
complex-cross-section, ferrite-loaded, propagation constants for, **3628**
components for, manufacture and inspection of, **2078**
corrugated, single-ridge, ferrite-type isolators for, **26**
theory for, **25**
couplers, directional, aperture-type, asymmetric, **3243**
oblique-slot, **3244**
short-slot, 3-dB, **1413**
gas-discharge, **2457**
2-step, **1414**
coupling of, through capacitive windows, **409**
through medium-size slots, **408**
multiterminal, power distribution in, **3629**
cryogenic, quasi-elliptical, **3998**
Cu, electroformed, **401**
dielectric, circular modes in, **3997**
measurement of properties at mm λ, **1725**
dielectric-coated, **2465**
dielectric-loaded, backward waves in, **1728**
dielectric-rod, power flow and negative wave impedance in, **406**
discontinuities in, reflection of fundamental mode at, **1726**
ferrite, backward waves in, **1729**
ferrite-loaded, variational principle for calculations on, **4000**
field distribution in, influence of parasitic parameters in model for, **3626**
filters, narrow-band, using inductive irises, **4001**
resonant-post, design relations for, **2847**
tunable cavities formed by inductive and capacitive obstacles, **2462**
half-round obstacles as standard reflectors in, **31**
helix, as delay line, **27**, **2459**
efficiency of, **28**
mode conversion due to imperfections in, **2081**
noncylindrical, effect of imperfections in, **1411**
normal modes and mode conversion in, **1412**
winding tolerances in, **2082**
isolators, field-displacement-type, ferrite, for mm λ, **2463**
using Hall effect and tunnel diodes, **3247**
resonance-type, ferrite, applications of, **778**, attenuation calculations for, **2088**, measurements on, **1415**, for mm λ, **2849**, theory of, **32**, **411**
junctions, asymmetric, equivalent-circuit parameters of, **405**
hybrid-T, properties of, **30**
mode conversion at, **2846**
limiters in, Y-Fe garnet, low-level, **3631**
loaded with capacitive screens, **410**
manufacturing techniques for, **1067**
measurement of internal dimensions of, **1402**
microphony in, **400**
mm-λ, **2841**
mode-conversion filters for mm λ, **1417**
mode conversion in sector portion of TE_{01}-mode transducer, **2464**
mode transducer, H_{10}–H_{20}, **412**
multimode, wave parameters and matrices for, **3627**
parallelogrammic, TM modes in, **3241**
perturbation theory applied to, **2079**
phase shifters in, dielectric-prism, **2848**
reciprocal and nonreciprocal, **3246**
for s.w.r. measurements, **1611**
tuning-error analysis of, **777**
plasma-filled, cm-wave propagation in, **3624**, **3625**
polarizer for symmetric excitation of H_{11} modes, **1416**
power divider for, variable, **3242**
printed-circuit, for microwave aerials, **775**
ridge-type, characteristics of, **1068**
strip-line, circulators, Y-junction, **404**
discontinuities in centre conductor of, **403**
junctions, hybrid-T, **23**
radiation from discontinuities in, **402**
tuner design using, **2842**
surface-type, for cm and mm λ, **1724**
propagation theory for plasma sheet, **2352**
TE modes in sand-covered metal plane, **2353**
2-wire, mm-λ, **2845**
switches for, coupler-type, for microwave radiometers, **3630**
semiconductor-diode, **3245**
using semiconductor diode in T junction, **1727**
tapers, nonreflecting, **407**
theory of, **1404**, **1723**
transmission of angular momentum in, **1403**
trough-type, with electromechanical scanning, **2087**
twists in, polarization rotation in, **1405**
windows for, resonance modes in, **29**
Waves,
coupled, properties of, **514**
X rays,
emission from television picture tubes, **3170**
generation in c.r. tubes and electron microscopes, **719**

ERRATA

IN ABSTRACTS AND REFERENCES 1961

Abstract No.	
136	In line 3, for '(23NSA)' read '(23N5A)'
152	In line 5, for 'Present' read 'Presents'
370	Change U.D.C. number to 621.383.292
417	Change U.D.C. number to 621.396.674.3
736	In line 2, for 'P. Cachou' read 'P. Cachon'
902	Change U.D.C. number to 535.215 : 546.817'221 : 539.23
996	Change U.D.C. number to 621.3.018.41(083.74) :621.373.421.13
1089	In title, for 'Neutral' read 'Neural'
1130	In title, for 'Diffractive' read 'Diffraction'
1246	Change U.D.C. number to 537.227 : 534.1
1486	In line 5, for 'optical infrared' read 'optical and infrared'
1737	In title, for 'of' read 'in'
1949	In title, for 'Ferrites' read 'in Ferrites'
1979	Change U.D.C. number to 621.391.812.63.029.62
2038	Change U.D.C. number to 621.385.64
2265	In title, for 'Deformation of' read 'Deformation on'
2296	Change U.D.C. number to 537.311.33 : 537.533
2403	In line 6, for 'term' read 'Fermi'
2411	Change U.D.C. number to 621.382.23 : 621.373.029.63/.64
2457	For 'R. W. Otthus' read 'R. W. Olthuis'
2499	For 'S. S. Hakin' read 'S. S. Hakim'
2513	Change U.D.C. number to 621.375.9 : 621.372.44 : 621.372.632
2575	In line 6, for 'steady' read 'study'
2869	Change U.D.C. number to 621.318.134
3070	In title, for 'Quadruple' read 'Quadrupole'
3117	Author is 'M. R. Ramsay'
3429	In line 5, for 'I.R.E. 14.81' read 'I.R.E. 14.S1'
3707	In line 7, for 'electron' read 'electric'
3730	In title, for 'Quadruple' read 'Quadrupole'

IN PAPERS ABSTRACTED

The practice of allocating individual abstract numbers to corrections has been largely discontinued; a list of published corrections noted during 1961 is given below. The journal in which the correction appeared was in each case the same as that in which the original paper was published.

Abstract No.	
2860 of 1954	March 1961, Vol. 32, No. 3, p. 557
3603 of 1954 & 1137 of 1956	1st July 1961, Vol. 78, No. 499, p. 415
392 of 1959	1st Aug. 1961, Vol. 78, No. 500, pp. 311–312
171 of 1960	Jan. 1961, Vol. 49, No. 1, p. 329
1985 of 1960	29th April 1961, Vol. 190, No. 4774, p. 427
2077 of 1960	15th March 1961, Vol. 121, No. 6, pp. 1863–1864
2699 of 1960	Jan. 1961, Vol. 49, No. 1, p. 220
2753 of 1960	July 1961, Vol. 66, No. 7, p. 2274
2853 of 1960	June 1961, Vol. 49, No. 6, p. 1098
2854 of 1960	June 1961, Vol. 49, No. 6, p. 1097
2940 of 1960	Aug. 1961, Vol. 49, No. 8, p. 1340
4171 of 1960	Sept. 1961, Vol. 32, No. 9, p. 1803
81 of 1961	March 1961, Vol. 49, No. 3, p. 590
188 of 1961	Nov. 1960, Vol. 65, No. 11, p. 3858
388 of 1961	April 1960, No. 60A, p. 72
429 of 1961	16th Aug. 1960, Vol. 159, No. 4, p. 494
487 of 1961	1st Nov. 1961, Vol. 7, No. 9, p. 361
509 of 1961	June 1961, Vol. 14, No. 6, p. 282
516 of 1961	15th May 1961, Vol. 6, No. 10, p. 572
628 of 1961	15th March 1961, Vol. 121, No. 6, p. 1864
753 of 1961	Dec. 1961, Vol. 49, No. 12, p. 1836
839 of 1961	15th Sept. 1961, Vol. 123, No. 6, p. 2202
959 of 1961	March 1961, Vol. 32, No. 3, p. 557
1497 of 1961	June 1961, Vol. 66, No. 6, p. 2001
1571 of 1961	Jan. 1961, Vol. 16, No. 1, p. 132
1593 of 1961	15th March 1961, Vol. 121, No. 6, p. 1864
1695 of 1961	1960, Vol. 6, No. 3, p. 412
1929 of 1961	May 1961, Vol. 19, Nos. 3/4, p. 352
1994 of 1961	June 1961, Vol. 21, Nos. 2/3, p. 220
2193 of 1961	3rd June 1961, Vol. 190, No. 4779, p. 865
2292 of 1961	July 1961, Vol. 32, No. 7, p. 1406
2339 of 1961	July 1961, Vol. 32, No. 7, p. 1406
2421 of 1961	March 1961, Vol. 16, No. 3, p. 582
2504 of 1961	Nov. 1960, Vol. 13, No. 11, p. 528
2774 of 1961	Nov. 1960, Vol. 13, No. 11, p. 528
2880 of 1961	June 1961, Vol. 30, No. 6, p. 460
2919 of 1961	Sept. 1961, Vol. 49, No. 9, p. 1434
3022 of 1961	15th June 1961, Vol. 122, No. 6, p. 1962
3063 of 1961	Aug. 1961, Vol. 20, Nos. 3/4, p. 324
3079 of 1961	15th Sept. 1961, Vol. 123, No. 6, p. 2202
3149 of 1961	Aug. 1961, Vol. 49, No. 8, pp. 1340–1341
3386 of 1961	Sept. 1961, Vol. 66, No. 9, p. 3082
3427 of 1961	15th Sept. 1961, Vol. 123, No. 6, p. 2202
3532 of 1961	Nov. 1961, Vol. 49, No. 11, p. 1639
3668 of 1961	Oct. 1961, Vol. 49, No. 10, p. 1572
4001 of 1961	June 1961, Vol. 11, No. 6, p. 250
4332 of 1961	June 1961, Vol. 15, No. 6, p. 302

LIST of JOURNALS

A list of journals abstracted during 1961 is given below, together with the addresses of their publishers or editorial offices and the abbreviations of their titles as used in 'Abstracts and References'. Applications for copies of any journal should be made to the addresses given. Enquiries concerning Russian journals may be made to D.S.I.R., National Lending Library for Science and Technology, Boston Spa, Yorkshire. The full title of each journal is given in bold type and is followed by the address, the abbreviated title being shown within brackets. In a few cases the nature of a journal is indicated, where neither the title nor the address shows it clearly.

Acustica, S. Hirzel Verlag, Stuttgart-N, Germany. (*Acustica*)

AEI Engineering Review, 33 Grosvenor Place, London, S.W.1, England. (*AEI Engng Rev.*)

Akusticheskii Zhurnal, Moskva, Kuznetskii most, dom 9/10, U.S.S.R. (*Akust. Zh.*)

Akustische Beihefte, as for Acustica. (*Akust. Beihefte*)

Alta Frequenza, Associazione Elettrotecnica Italiana, Via S. Paolo 10, Milano, Italy. (*Alta Frequenza*)

Annalen der Physik, J. A. Barth, Leipzig C1, Salomonstrasse 18B, East Germany. (*Ann. Phys., Lpz.*)

Annales de Géophysique, Service des Publications du C.N.R.S., 13 quai Anatole France, Paris 7e, France. (*Ann. Geophys.*)

Annales de Physique, Masson & Cie, 120 boulevard Saint-Germain, Paris 6e, France. (*Ann. Phys., Paris*)

Annales de Radioélectricité, Compagnie Générale de TSF, 10 rue Carducci, Paris 19e, France. (*Ann. Radioelect.*)

Annales des Télécommunications, 3 & 5 boulevard Pasteur, Paris 15e, France. (*Ann. Télécommun.*)

Applied Scientific Research, Martinus Nijhoff, The Hague, Netherlands. (*Appl. sci. Res.*)

Archiv der elektrischen Übertragung, S. Hirzel Verlag, Stuttgart, Germany. (*Arch. elekt. Übertragung*)

Archiv für Elektrotechnik, Springer Verlag, Berlin-Wilmersdorf, Heidelberger Platz 3, Germany. (*Arch. Elektrotech.*)

Archiv für technisches Messen, R. Oldenbourg KG, München 8, Rosenheimer Str. 145, Germany. (*Arch. tech. Messen*)

Arkiv för Fysik, published for Royal Swedish Academy of Sciences by Almqvist & Wiksell, Boktryckeri AB, Uppsala, Sweden. (*Ark. Fys.*)

Astronautica Acta, Springer-Verlag, Wien 1, Mölkerbastei 5, Austria. (*Astronautica Acta*)

Astronomical Journal, American Institute of Physics, 335 East 45th Street, New York 17, N.Y., U.S.A. (*Astr. J.*)

Astronomicheskii Zhurnal, Moskva, B-64, Podsosenskii per., 21, U.S.S.R. (*Astronom. Zh.*)

Astrophysica Norvegica, H. Aschehoug & Co. (W. Nygaard), Oslo, Norway. (*Astrophys. norveg.*)

Australian Journal of Physics, Commonwealth Scientific and Industrial Research Organization, 314 Albert Street, East Melbourne C.2, Victoria, Australia. (*Aust. J. Phys.*)

A.W.A. Technical Review, Amalgamated Wireless (Australasia) Ltd, Sydney, Australia. (*A.W.A. tech. Rev.*)

B.B.C. Engineering Division Monographs, British Broadcasting Corporation, 35 Marylebone High Street, London, W.1, England. (*B.B.C. Engng Div. Monographs*)

Bell System Technical Journal, American Telephone and Telegraph Company, 195 Broadway, New York 7, N.Y., U.S.A. (*Bell Syst. tech. J.*)

British Communications & Electronics, Heywood & Co. Ltd, Drury House, Russell Street, Drury Lane, London, W.C.2, England. (*Brit. Commun. Electronics*)

British Journal of Applied Physics, Institute of Physics and the Physical Society, 47 Belgrave Square, London, S.W.1, England. (*Brit. J. appl. Phys.*)

Bulletin of the American Meteorological Society, 45 Beacon Street, Boston 8, Mass., U.S.A. (*Bull. Amer. met. Soc.*)

Bulletin de l'Association Suisse des Électriciens, Seefeldstrasse 301, Zürich 8, Switzerland. (*Bull. schweiz. elektrotech. Ver.*)

Bulletin of the Technical University Istanbul, Istanbul Teknik Üniversitesi, Gümüssuyu, Istanbul, Turkey. (*Bull. tech. Univ. Istanbul*)

Câbles & Transmission, Sotelec, 16 rue de la Baume, Paris 8e, France. (*Câbles & Transm.*)

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E.B.U. Review, Part A, 32 avenue Albert Lancaster, Bruxelles 18, Belgium. (*E.B.U. Rev.*)

Electrical Communication, International Telephone and Telegraph Corporation, 320 Park Avenue, New York 22, N.Y., U.S.A. (*Elect. Commun.*)

Electrical Engineering, American Institute of Electrical Engineers, 345 East 47 Street, New York 17, N.Y., U.S.A. (*Elect. Engng, N.Y.*)

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Electronic Engineering, 28 Essex Street, Strand, London, W.C.2, England. (*Electronic Engng*)

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Journal of the American Ceramic Society, 20th and Northampton Streets, Easton, Pa, U.S.A. (*J. Amer. ceram. Soc.*)

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Journal of the British Institution of Radio Engineers, 9 Bedford Square, London, W.C.1, England. (*J. Brit. Instn Radio Engrs*)

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Journal of the Franklin Institute, Benjamin Franklin Parkway at Twentieth Street, Philadelphia 3, Pa, U.S.A. (*J. Franklin Inst.*)

Journal of Geomagnetism and Geoelectricity, Society of Terrestrial Magnetism and Electricity of Japan, Geophysical Institute, University of Tokyo, Tokyo, Japan. (*J. Geomag. Geoelect.*)

Journal of Geophysical Research, 1515 Massachusetts Avenue, N.W., Washington 5, D.C., U.S.A. (*J. geophys. Res.*)

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Journal of the Optical Society of America, American Institute of Physics, 335 East 45th Street, New York 17, N.Y., U.S.A. (*J. opt. Soc. Amer.*)

Journal of the Physical Society of Japan, Room No. 342, Physics Building, Faculty of Science, University of Tokyo, Bunkyo-ku, Tokyo. (*J. phys. Soc. Japan*)

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